

Curriculum Vita: Jarita C. Holbrook
Assistant Research Scientist
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EDUCATION:

- Ph.D. 1997 Astronomy & Astrophysics from the University of California, Santa Cruz, CA.
Dissertation: An Examination of the Composition and Structural Features of GL 2136 and
Orion BN-KL: Single vs. Cluster Star Formation.
- M.S. 1992 Astronomy from San Diego State University, San Diego, CA
Thesis: Two-Dimensional Temperature Mapping of the Planetary Nebula NGC 6572
- B.S. 1997 Physics from California Institute of Technology, Pasadena, CA

EMPLOYMENT:

- 6/12/02 – Present Assistant Research Scientist, Bureau of Applied Research in Anthropology, University of Arizona, Faculty.
- 8/15/01 -1/15/02 Adjunct Professor, Africana Studies Department, University of Arizona.
- 7/01 -3/02 Postdoctoral Fellow, Max Planck Institute for the History of Science, Berlin.

VISITING POSITIONS:

- 6/07, 6/06 Visiting Professor, Institut für Ethnologie, Ruprecht-Karls-Universität Heidelberg, Germany.
Class (07, Grad): Anthropological case studies in Navigation.
- 8/15/00 -6/2/02 Visiting Professor, Anthropology Department, University of Arizona.
- 9/12/97 -10/1/01 Visiting Scholar/Postdoctoral Researcher, Center for the Cultural Studies of Science,
Technology, and Medicine. History Department. University of California, Los Angeles. Faculty Mentor: Prof
Sharon Traweek.
- 8/1/99 -8/1/00 Visiting Professor, Department of Seamanship and Navigation, United States Naval
Academy, Annapolis, MD. Celestial navigation research.
- 10/1/98 -2/1/99 Visiting Professor, Physics and Astronomy Department, Colgate University, Worked closely
with Prof Anthony Aveni.

INSTRUCTION:

1. Sept 25, 2008 – AST 201: Cosmology. Lecture on African Cultural Astronomy and Cosmology, University of Arizona
2. Spring 2008 – ASTR/ANTH 345 Cultural Astronomy: Pacific, Anthropology and Astronomy Departments, University of Arizona.
3. Summer 2007 – Anthropological Case Studies in Navigation, graduate, Ruprecht-Karls-Universität, Heidelberg, Germany.
4. Fall 2006 ASTR/ANTH 345 Cultural Astronomy: Africa. Anthropology and Astronomy Departments, University of Arizona, Tucson.
5. Spring 2006 ASTR/ANTH 493/593 Ghana Internship Class, Anthropology Dept, University of Arizona, Tucson. Nine students traveled with me to Ghana for the total solar eclipse and cultural astronomy training.

6. Spring 2004 ANTH 537 Data Management and Analysis, Anthropology Dept, University of Arizona, Tucson. Co-taught course with Prof Diane Austin, minimal duties due to maternity leave.
7. Fall 2001 AFAS 223 African Philosophical Worlds, Africana Studies Department, University of Arizona, Tucson.
8. Spring 1998 African American Scientists Since 1865, African American Studies, UC-Los Angeles.
9. Fall 1995 Graduate Teaching Assistant: "The Solar System" Astronomy Board, UC-Santa Cruz.
10. July 1995, July 1996 Instructor: Astronomy. Seaside Jr. High Math/Science Institute, UC-Santa Cruz.
11. Summer 1992 Instructor: Astronomy and Geology. The Elementary Institute of Science, San Diego, CA.
12. 1991-1992 Tutor: Physics, astronomy, & mathematics, SAA/EOP, San Diego State University, CA.
13. Spring 1992 Instructor: Astronomy Laboratory, Southwestern College, Chula Vista, CA
14. Fall 1991 Graduate Teaching Assistant: Astronomy Laboratory, San Diego State University.
15. 1989-1990 Secondary School Science Teacher: Chemistry, Physics, and Mathematics, Ratu Navula Secondary School, Fiji, South Pacific, Peace Corps

MENTORING:

Doctoral Dissertation Committees:

2007 – 8 Member for Martha Morgan, Audra Baleisis, Mignonne Guy, and W. Ben Adams.

Doctoral Candidacy Comprehensive Examination Committees:

2006 Mignonne Guy in Higher Education, Audra Baleisis in Teaching and Teacher Education.

UA Honor's College Undergraduate Award Students (for Research)

2007 Tara Pullano, Sunshine McIff

2003 Coryn Young

UA SBSRI Grants (undergraduate):

2007 Sunshine McIff

NASA Space Grant Undergraduate Students:

2004-5 Heather Fauland

HONORS & AWARDS:

2008 Vice President, European Society for the Astronomy and Culture (SEAC)

2008-9 Chair, Cultural Astronomy and Storytelling Working Group, IYA2009USA

2008 – Council Member, International Society for Archaeoastronomy and Astronomy in Culture

2008 - Culture & Cosmos Editorial Board, NSBP Executive Committee

2003-2007 Fulbright Senior Specialist

2001 Postdoctoral Fellowship, Max Planck Institute for the History of Science

2000 National Society of Black Physicist Distinguished Dissertation Award

1998 National Science Foundation Minority Postdoctoral Fellowship

1996-1997 UC President's Dissertation Year Fellowship, UCSC

1995-1997 Member of the Women of Color in Collaboration and Conflict, UCSC

1995 Marilyn C. Davis Memorial Scholarship, UCSC

1993-1995 Patricia Robert Harris Graduate Fellowship, UCSC

1992 Research Careers in the Physical Sciences for Minority Scholars (fellowship), NSF/SDSU

1986 Monticello Scholarship. Caltech -Institute of Astronomy, University of Hawaii.

1984 Burton Green Scholarship, Caltech

PUBLICATIONS (Published or Accepted, peer-reviewed):

Books:

1. Holbrook, J. C., R. T. Medupe, and J. O. Urama. 2008. *African Cultural Astronomy: Current Archaeoastronomy And Ethnoastronomy Research In Africa*. New York: Springer

Journal Articles:

2. Holbrook, J. C. 2008. Ethnoastronomy: Pondering Celestial Diversity, in *Spectrum*, vol. January, pp. 4 - 10.
3. Holbrook, J. C. 2007. African Cultural Astronomy - Recent Activities. *African Skies* 11:24-26.

4. Holbrook, J. C. 2007. Celestial Navigators and Navigation Stories. *Culture and Cosmos. A Journal of the History of Astrology and Cultural Astronomy* 9:69-78.
5. Holbrook, J. C. 2002. Celestial Navigation and Technological Change on Moce Island, vol. 216, pp. 27 p: The Max Planck Institute for the History of Science.
6. Holbrook, J. C. 1998. Stellar Navigation of the Fishermen of the Kerkennah Islands. *Archaeoastronomy & Ethnoastronomy Newsletter: Summer 1998*.

Book Chapters:

7. Holbrook, J. C., H. Oluseyi, and R. Medupe. Accepted. "Astronomy Knowledge Spaces," in *Globalization of Knowledge*. Edited by J. Renn and P. Damerow. Berlin.
8. Holbrook, J. C. 2006. "Sun Gods and Moon Deities of Africa," in *Sky and Psyche: The Relationship Between Cosmos and Consciousness*. Edited by N. Campion and P. Curry, pp. 157-168. Edinborough: Floris Books.
9. Holbrook, J. C. 2006. "Bamana Wetenschap: Hemelse Puzzelstukjes," in *Landbouwkampioenen Ciwara-Maskers Uit Mali (West Afrika)*. Edited by E. Kuhn, pp. 79 - 84. Uitgeverij: Museum Dorestad.
10. Holbrook, J.C. 2005, 2006 "Astronomy, Africa: Modern, Traditional, and Cultural," Appiah, A. and H. L. Gates (editors). *Africana : the encyclopedia of the African and African American experience*. Oxford; New York, Oxford University Press.
11. Holbrook, Jarita 2003, "Astronomy," Peek, P. M. and K. Yankah (editors). *African Folklore: An Encyclopedia*. New York, Routledge.

Newspaper Articles:

12. Holbrook, J.C. and Campion, N. 2008 "Cultural Astronomy: A Conversation about Degree Programs & Research Questions from Both Sides of the Pond", *Innovations in Teaching Major & Graduate Students Series, Spark: the AAS Education Newsletter*, Washington, D.C.: American Astronomical Society.
13. Holbrook, J. C. 2002, "The Naming of Celestial Objects in African Astronomy," *Africa Rising: A Journey Through Africana Studies* column of the *Louisiana Weekly*, Page 2, Sec. B. Part I, October 21-October 27, 2002. Part II, October 28 -November 3, 2002, Part II, November 4 -November 10, 2002.

Electronic Articles:

14. Holbrook, Jarita 2008, "Ethnoastronomy: Pondering Celestial Diversity", *Spectrum: A report on underrepresented minorities in astronomy*, Washington, D.C.: American Astronomical Society (see also under journal articles)
15. Holbrook, Jarita 1998, "African Astronomy," *Archeoastronomy & Ethnoastronomy Newsletter Online*. Baltimore: University of Maryland Press, 1-2.

Conference Proceedings (non-peer reviewed)

16. Holbrook, J. C. 2001, "African Calendars: An Examination of the Calendars of the Mursi of Ethiopia, the Batammaliba of Togo, and the Akan of Ghana," *National Society of Black Physicists Annual Day of Scientific Lectures*, 3.
17. Holbrook, J. C. 1998, "African Astronomy," *Proceedings of the National Society of Black Physicists XXV Annual Day of Scientific Lectures*, 79-81.

Book Reviews:

18. *Contested Terrains and Constructed Categories: Contemporary Africa in Focus* By George C. Bond and Nigel C. Gibson (eds.). Boulder, CO, and Oxford, UK: Westview Press, 2003. Review by Jarita C. Holbrook, *Transforming Anthropology*. Apr 2006, Vol. 14, No. 1: 118-120.
19. McBride, D. *Missions for science: U.S. technology and medicine in America's Africa world*. New Brunswick, N.J., Rutgers University Press, 2002. 308 pages. Reviewed by Jarita C. Holbrook, *Historical Studies in the Physical and Biological Sciences*, 2003, Vol. 34, No. 1, Pages 199-206

Astronomy Articles:

20. Holbrook, J. C., and P. Temi. 1998, "An Analysis of the Infrared Reflection Nebula and Circumstellar Environment of GL 2136." *Astrophysical Journal* 496 (1998): 280 -291.

21. Schultz, A. S. B., Rank, D. M., Temi, P., & Holbrook, J. C. 1997, "Shocked molecular hydrogen in NGC 7129." IAU Symp. 182: Herbig-Haro Flows and the Birth of Stars. 39 -41.
22. Olkin, C. B., J. L. Elliot, H. B. Hammel, A. R. Cooray, S. W. McDonald, J. A. Foust, A. S. Bosh, M. W. Buie, R. L. Millis, L. H. Wasserman, E. W. Dunham, L. A. Young, R. R. Howell, W. B. Hubbard, R. Hill, R. L. Marcialis, J. S. McDonald, D. M. Rank, J. C. Holbrook, and H. J. Reitsema. 1997 "The Thermal Structure of Triton's Atmosphere: Results from the 1993 and 1995 Occultations." Icarus 129: 178-201.
23. Holbrook, J.C., Temi, P., Rank, D., and Bregman, J. 1996 "An Infrared Study of the Juggler Nebula" in From Stardust to Planetesimals -Contributed Papers, M.E. Kress, A.G.G.M. Tielens, and Y.J. Pendleton, eds., NASA-CP# 3343, p.41.
24. Lindler, D., Heap, S., Holbrook, J., Malumuth, E., Norman, D., and Vener-Saavedra, P. 1994, "Star Detection, Astrometry, and Photometry of Restored PC Images" The Restoration of HST Images and Spectra -II, STSci, Baltimore, 286-295.
25. Holbrook, J., Heap, S., Malumuth, E., Shore, S., & Waller, B. 1994 "HST Imagery of the Starburst Nucleus of M83." Mass-Transfer Induced Activity in Galaxies, 1994, pp. 109-110.

Works in Progress:

1. "UNESCO Astronomy and World Heritage" submitted to Sky & Telescope.
2. Holbrook, J.C. "Astronomy and World Heritage" submitted to IAU Commission 46 Newsletter.
3. Holbrook, J.C. Following the Stars: The Use of Celestial Bodies in Modern Navigation. Submitted to Springer Verlag.
4. "Lost in Digital Space" – eclipse coverage in Africa 2001 & 2006. Submitted to Communicating Astronomy to the Public.
5. "UNESCO Astronomy and World Heritage for Africa" – identifying astronomy world heritage sites in Africa. Submitted to Heaven's Above.
6. "Dark Skies" – The sky in our lives survey results as an assessment of light pollution.

MEDIA:

1. Editor/Host "The Ghana Eclipse Conference in Cultural Astronomy" DVD, produced by E. Grant and Caldwell Productions.
2. 3/29/2008 Co-host/interviewer "The Ghana Total Solar Eclipse" broadcast from the University of Cape Coast, Ghana. Produced by Morehouse College/CNN.

SCHOLARLY PRESENTATIONS:

Colloquia

1. 11/14/2008 "African Astronomy Heritage", Sigma Xi, University of Northern Iowa.
2. 5/16/2008 "African Cultural Astronomy" Science Café, Space Telescope Institute, Baltimore, MD.
3. 1. 2/19/2008 "African Cultural Astronomy: What do we know?" Columbia University, New York City.
4. 6/4/04 "Cultural Astronomy of Africa," Harvard Smithsonian Center for Astrophysics, <http://cfa-www.harvard.edu/colloquia/spring04/holbrook.html>.
5. 9/4/03 "Adventures in African Astronomy and Culture," Astronomy Department, New Mexico State University, Las Cruces, NM.
6. 04/12/2001 "Celestial Navigation, Shalfia, and the Blind Fisherman", Center for Middle East Studies, University of Arizona, Tucson
7. 01/29/2001 "Celestial Navigation and Technological Change." Center for the Cultural Studies of Science, Technology, and Medicine. History Dept. UCLA.
8. 09/30/1998 "Cultural Astronomy of Fiji and Tunisia", Alana Cultural Center, Colgate University, Hamilton, NY

Seminars

1. 04/21/2007 "African Skies Seminar", Sophia Centre, Bath Spa University, UK
2. 02/05/2002 "Navigation by the Stars in Three Communities." Institut fur Ethnologie, Universitat Heidelberg, Germany.

Symposia

1. 04/27/2002 "Cultural Astronomy of Morocco", Center for Middle Eastern Studies, University of Arizona.
2. 04/12/2002 "Modern Navigation and the Navigators: Theory versus Practice." Princeton Workshop in the History of Science, 2001-2002: Diasporas of Knowledge: The Migrations of Science among Elite and Vernacular Communities: Part III The Scientific Laity.

Conferences Presentations:

1. 09/09/2008 "African Cosmology," Cosmology Across Cultures, Société Européenne pour l'Astronomie dans la Culture (SEAC), Granada, Spain.
2. 07/13/2008 "Astronomy and Astrology Heritage at the Louvre," The Sophia Centre Third Postgraduate Research Conference, Bath Royal Literary & Scientific Institute, Bath, UK.
3. 01/08/2008 "Astronomy, Culture, and Representation: The 2006 Total Solar Eclipse" Historical Astronomy Division of the American Astronomical Society, Austin, Texas.
4. 07/23/2007 "Following the Stars", Oxford/SEAC, Klaipeda, Lithuania
5. 11/16/2006 "Sailors of the Kerkennah Islands, Tunisia", African Studies Association annual meeting, San Francisco, CA.
6. 04/08/2006 "The Ghana Eclipse Conference." SEAC, Rhodes, Greece.
7. 07/01/2005 "Sun Gods and Moon Deities of Africa," Sky and Psyche, Bath Spa University, United Kingdom.
8. 05/21/2005 "Cultural Astronomy, Black Physicists, and Total Solar Eclipses." Afrogeeks: Global Blackness and the Digital Public Sphere. University of California, Santa Barbara.
9. 04/06/2005 "World Heritage List Expansion to Include Astronomy Sites in Africa", Society for Applied Anthropology, Santa Fe, New Mexico.
10. 6/23/04 "The Cultural Astronomy of the Ciwara Society of the Bamana People of Mali," Oxford 7 Conference in Archaeoastronomy: Bridging Astronomy and Anthropology, Flagstaff, AZ.
11. 7/23/03 "Introduction to African Cultural Astronomy," International Astronomical Union, Sydney, Australia.
12. 3/21/03 "Weatherlore," Society of Applied Anthropology, Portland, Oregon.
13. 09/03/2001 Session 13.3 Safe Transport: By Road, Sea and Sky (Theme: Technology Studies), "Progress, Navigation, and the Ideal Mariner" Society for the Social Studies of Science, Annual Meeting.
14. 10.03/30/2001 "Topics in African Astronomy: African Calendars" National Society of Black Physicists, Annual Meeting, Stanford University, Palo Alto, CA.
15. 11.10/29/1999 "Technology and Navigation Practices in Fiji, Tunisia, and the US." Society for the Social Studies of Science, Annual Meeting.

Conference Panels Organized:

February 17, 2006

NSBP International Activities

8 speakers. Annual Meeting, National Society of Black Physicists and National Society of Hispanic Physicists, San Jose, CA.

November 17, 2001

(IX-N1) History of Science, Technology, and Medicine of

Africa: Workshop towards Creating a Syllabus

African Studies Association, Annual Meeting

Chair & Panel Organizer: Jarita Holbrook, UCLA

Mary Dillard, Sarah Lawrence College, History of Intelligence Testing in Africa

Karen Flint, University of North Carolina-Charlotte, History of Medicine of Africa

Martha Morgan, University of Arizona, Metallurgy of Africa

Jarita Holbrook, UCLA, Astronomy of Africa

October 15, 1998

14. Technoscience and African Identity

J. Holbrook (Panel Organizer), Colgate University. "African Calendars and the Ownership of Knowledge"
M. Mahoney, UCLA "Cosmologies, Craft Knowledge, And Colonialism: Towards An African History Of Technoscience"
S. Shea, UCLA "Reflections on Technologies and African Historical Agency"
Society for the History of Technology, Annual Meeting.
Commentator: David Schoenbrum, University of Georgia

Keynote Speaker:

03/27/2006 "Overview of the History of African Cultural Astronomy Research" Keynote Speaker, the Ghana Eclipse Conference, University of Cape Coast, Ghana.

11/08/2005 "African Cultural Astronomy – Current Activities." Keynote Speaker. African Astronomical History Symposium, South African Astronomical Observatory, South Africa.

Conferences Organized:

March 27 – April 1, 2006 "The EBASI Ghana Eclipse Conference," University of Cape Coast, Ghana

GRANTS & CONTRACTS:

University of Arizona

1. 06/08 \$500 Faculty International Travel Award, University of Arizona. For travel to the Sophia Center Postgraduate Conference on Cultural Astronomy.
2. 03/08 \$500 UA Foundation Grant for "The Sky in Our Lives".
3. 01/08 \$500 Magellan Circle Fellowship Award for "The Sky in Our Lives".
4. 04/07 \$600 Faculty International Travel Award, University of Arizona. For travel to the United Kingdom to establish a summer field school.
5. 03/06 \$900 Faculty International Travel Award, University of Arizona. For travel to the Ghana Eclipse Conference, Cape Coast, Ghana.
6. 01/06 Ghana Eclipse Conference Support:
 - \$2000 -Steward Observatory for supporting travel and lodging of African Speakers.
 - \$2000 – College of Optical Science towards the Eclipse Simulcast, and the Travel and Lodging of Speaker Clive Ruggles.
 - \$2500 – Magellan Circle Foundation, towards the travel of five University of Arizona Undergraduate Students.
 - \$2500 – College of Science, towards the travel of five University of Arizona Undergraduate Students.
 - \$2500 – College of Education, towards the travel of three University of Arizona Graduate Students.
 - \$3000 – Pima Federal Credit Union. Towards the travel of Pima Community College Student Veena Monihar, and the registration of three African speakers.
 - 2000 Eclipse Viewing Glasses from the National Aeronautics and Space Administration Sun-Earth Connection.
7. 06/05 \$600 Faculty International Travel Award, University of Arizona. For travel to Sky and Psyche Conference, Bath, United Kingdom
8. 12/12/03 \$200.00. "Intern Dinner and Recruitment," Diversity Interaction Grant. University of Arizona. Co PI. Collaborators: Alex Wright, African American Student Affairs (AASA).
9. 12/18/02 \$200.00. "Faculty Student Interaction Grant," Honors College. University of Arizona. Co PI. Collaborators: AASA, D. Austen.
10. 8/1/02 -8/1/04 210139, \$15,000.00. "Indigenous Knowledge, Africa, and the Stars," Vice President of Research Funds. University of Arizona. University of Arizona grant. Principle Investigator.

State Grants:

8/1/02 -6/30/05, \$35,000.00. "Indigenous Knowledge, Africa, and the Stars," Arizona State Funds. Principle Investigator.

Federal Grants:

1. 6/10/07 – 07/21/07 \$9733.23 #2343 Anthropology, Institut für Ethnologie, Ruprecht-Karls-Universität Heidelberg, Germany. Fulbright Senior Specialist Grant

2. 10/2/04 – 10/14/04 \$4701 #1166 Anthropology, University of Nigeria. Fulbright Senior Specialist Grant
3. 7/1/04 -6/30/05 \$9558 “US-Africa Planning Visit: Collaborations in Cultural Astronomy” National Science Foundation. Office of International Science and Engineering. Planning & Workshops, Science and Technology Studies. Co-PI: Charles Brown, National Society of Black Physicists.
4. 8/1/02 -8/31/04 0233967, \$25,000.00. “Indigenous Knowledge, Africa, and the Stars,” National Science Foundation. Social, Behavioral, and Economic Sciences. Science and Technology Studies. Principle Investigator.
5. 10/1/00 -9/30/01 00003234, \$50,000.00. “Multi-Site Ethnoastronomical Investigation of African Stellar Navigators and Their Communities,” National Science Foundation: Social and Economic Sciences. Science and Technology Studies. Principle Investigator.
6. 10/1/98 -10/1/01 98006529, \$80,000.00. “African Stellar Navigators and Their Communities,” National Science Foundation. Social, Behavioral, and Economic Sciences. Science and Technology Studies. Principle Investigator.

SERVICE AND OUTREACH

Departmental Committee(s)

2007-8 BARA Brown Bags

2006-7 BARA Computer and Space Committee

2005-6 BARA Development Committee

2002-3 BARA Computer and Space Committee University Committee(s)

Other Committees

2009-2011 Vice Chair, Historical Astronomy Division (HAD), American Astronomical Society (AAS)

2008-9 Chair, Cultural Astronomy Working Group, IYA2009USA

2008 Vice President European Society for the Astronomy and Culture (SEAC)

2008-2014 Council Member International Society for Archaeoastronomy and Astronomy in Culture

2007-9 Executive Committee National Society of Black Physicist International Committee(s)

2007-8 UA Association of Women Faculty Social and Behavioral Science Representative

2006-Present Treasurer, African Cultural Astronomy Network

2004-5 UA Women’s Leadership Conference Organizing Committee

2003-4 UA Women’s Leadership Conference Organizing Committee National Committees(s)

Local/state outreach

Lectures:

1. 10/28/2008 “The Sky in Our Lives: Cultural Astronomy 2008”, Steward Observatory Internal Symposium, University of Arizona.
2. 10/9/2008 “Astronomy Legends at the Louvre”, Odyssey of the Mind, Satori Charter School.
3. 3/27/2008 “The Pleiades”, Satori Charter School, 3-4th grades. Project with Sunshine McIff
4. 3/13/2008 “The Pleiades”, Satori Charter School, 3-4th grades. Project with Sunshine McIff
5. 3/20/2007 “Africans and Astronomy”, Mrs. Wolf and Koehlar’s first grade classes. Fruchthendler Elementary School. Tucson, AZ.
6. 3/17/2007 Panelist, Expanding Your Horizons (EYH), The 25th Annual Conference for 7th to 12th Grade Women in Southern Arizona, Women in Science and Engineering (WISE), University of Arizona
7. 2/6/2007 “Simunye: We are One”, Panelist, African American Student Affairs, University of Arizona.
8. 10/27/2006 “Networking”, AZ Women in Higher Education – Southern Arizona Conference
9. 10/12/2006 UA Museum of Art panel, “Techno-Genesis: Innovation Under the Influence.”
10. 05/16/2006 Astronomy and Culture lecture, Mr. Scott’s Kindergarten Class, Fruchthendler Elementary School, Tucson, AZ
11. 05/11/2006 “The Cultural Astronomy of Africans: The Past, Present and Future,” Academy Village, Tucson, AZ.
12. 01/22/05 Employment Roundtable, Delta Academy, MLK Center, University of Arizona
13. 12/02/04 “Current Projects in African Cultural Astronomy,” Astronomy and Education group, Steward Observatory. University of Arizona
14. 02/11/04 Invited lecturer on methods of doing oral histories for HIST 396A Nature + Practice of History, H. Gelfand instructor. University of Arizona.

15. 02/26/03 "African American Professors at the University of Arizona," Librarians and I organized a panel of four African American professors at the UA to discuss issues as part of the Black History Month Celebrations, Special Collections University of Arizona Main Library.
16. 08/29/2001 "Anthropological Methods for Celestial Navigation", Guest Lecturer for ANTH 498: Senior Capstone, University of Arizona, Tucson
17. 03/16/2001 Keynote Speaker: "Topics in African Astronomy: Celestial Navigation " Expand Your Horizon Mini-Conference for Young Women in Science, Mathematics and Technology, Princeton Plasma Physics Laboratory, Princeton, NJ
18. 03/12/2001 "African Astronomy for K-5." Wright Elementary School, Tucson, Arizona
19. 03/07/2001 "African Astronomy." Africana Studies, University of Arizona, Tucson

National Outreach

Lectures:

1. 5/17/2008 "Astronomy Culture: A Starting Point", Youth for Astronomy and Engineering, Space Telescope Institute, Baltimore, MD.
2. 3/8/2008 "Myths about Science", ROBOTS Pre-College Program, North Carolina Mathematics and Science Education Network, Raleigh-Durham, NC
3. 2/10/2007 "Africans and Astronomy", The Science Factory and Lane Community College, Eugene, Oregon. APS grant for travel. Planetarium Show.
4. 11/04/2005 "African Cultural Astronomy: Definitions and Methods." Department of Physics, Morehouse College, Atlanta, GA.
5. 02/18/2005 "Where are the black scientist in science fiction and futuristic films?" and "The African Cultural Astronomy Workshop for the 2006 Eclipse", Annual Meeting of the National Society of Black Physicists, Orlando.
6. 9/11/2004 "African Cultural Astronomy: Where Anthropology and Astronomy Meet," Elementary Institute of Science, San Diego, CA.
7. 2/13/2003 "Anthropology of Science," National Society of Black Physicist Annual Meeting, Atlanta, GA.
8. 09/18/2001 "From Astrophysics to African Astronomy" Professional Development Series, African American Student Affairs, University of Arizona, Tucson
9. 09/17/2001 "My career path" Guest Lecturer for AFAS 306: African American Autobiographies: Women and their Histories, C. Simms, University of Arizona, Tucson.
10. 10/02/2000 "Celestial Navigation: A Status Report", Dept of Seamanship and Navigation, United States Naval Academy, Annapolis, MD
11. 09/28/2000 "Introduction to My Celestial Navigation Research", for Prof. Traweek's class "Social Knowledge and Social Power", History Dept., UCLA. Center for the Cultural Studies of Science, Technology, and Medicine, UCLA
12. 09/18/1998 "Techniques in Cultural Astronomy," Physics & Astronomy Department, Colgate University, Hamilton, NY.
13. 02/07/1998 "Overview of My Research in Astronomy & Cultural Astronomy", Team Experience in Astronomy for Minorities -II, Western Kentucky University, Bowling Green, KY
14. 02/05/1998 "African Astronomy", African American Studies, Western Kentucky University, Bowling Green, KY
15. 10/17/1997 "Overview of My Career in Astronomy", NASA Team Experience in Astronomy for Minorities -II, Western Kentucky University, Bowling Green, KY

International Outreach:

Lectures:

1. 07/13/2007 "Following the Stars", Institut fur Ethnologie, Universitat Heidelberg, Germany.
2. 04/23/2007 "Readings in African Cultural Astronomy", guest lecturer for Nick Campion's class "Stellar Religions." Program in Cultural Astronomy and Astrology, Bath Spa University.
3. 05/02/2005 "African Cultural Astronomy", Archaeology Dept., University of Dar es Salaam, Tanzania.
4. 03/03/2005 "The African Cultural Astronomy Conference for the 2006 Eclipse," College of Science, University of Cape Coast, Ghana
5. 10/14/04 "Introduction to African Cultural Astronomy," Centre for Basic Research in the Space Sciences, University of Nigeria, Nsukka. (Fulbright Senior Specialist.)