

## The University of Maine DigitalCommons@UMaine

---

Cultural Affairs Distinguished Lecture Series

Cultural Affairs Committee

---

4-2012

# Dr. Vaughn Bryant Visit plus two lectures

Climate Change Institute

Follow this and additional works at: <https://digitalcommons.library.umaine.edu/ca-lectureseries>



Part of the [Higher Education Commons](#)

---

### Repository Citation

Climate Change Institute, "Dr. Vaughn Bryant Visit plus two lectures" (2012). *Cultural Affairs Distinguished Lecture Series*. 248.  
<https://digitalcommons.library.umaine.edu/ca-lectureseries/248>

This Grant Application is brought to you for free and open access by DigitalCommons@UMaine. It has been accepted for inclusion in Cultural Affairs Distinguished Lecture Series by an authorized administrator of DigitalCommons@UMaine. For more information, please contact [um.library.technical.services@maine.edu](mailto:um.library.technical.services@maine.edu).

# CULTURAL AFFAIRS/DISTINGUISHED LECTURE SERIES

## GRANT APPLICATION

### PLEASE NOTE EMAIL ADDRESS CHANGE

I. Applicant/Organization: Kristin Sobolik/ Department of Anthropology, Climate Change Institute

II. a. Responsible Organization Officer: Kristin Sobolik

b. Title: Professor of Anthropology and Climate Change

c. Campus Address (include Email and Telephone): 5774 Stevens Hall, 1-3583

III. Summary of program requiring funding (title; featured artist(s); speaker(s); scheduled date(s):

I am requesting funding for Dr. Vaughn Bryant's recent visit (March 19-21) to UMaine where he met with a diversity of researchers across campus and presented two lectures on his areas of expertise. Vaughn is Professor of Anthropology and Director of the Palynology Laboratory at Texas A&M University. He is internationally known for his research in forensic pollen analysis, prehistoric diet reconstruction, honey research, and in the reconstruction of paleoenvironments. Dr. Bryant conducts extensive forensic palynological investigations for the CIA, DOE, and Customs and Border Protection (CBP). He pioneered efforts in three new and emerging areas of pollen research including: 1) the floral sources used by honeybees to produce honey, the use of pollen coefficient data to identify and verify premium grades of honey, and techniques used to identify the geographical origin of commercially-imported and exported honey; 2) the use of pollen data to track and help eradicate agricultural insect pests such as the boll weevil, corn earworm, root worm, and celery looper; and 3) the use of pollen as an important forensic tool used to track and convict criminals. Dr. Bryant has published numerous books, over 150 scholarly publications, and hundreds of presentations around the globe, and he was honored with the prestigious Fryxell Award for Interdisciplinary Research by the Society for American Archaeology, the premiere archaeology society. He has appeared on the Today Show, CNN, Fox Network News, the BBC, CBS News, 3-2-1 Contact, and the Discovery Channel. His c.v. is attached.

While at UMaine, Vaughn presented two lectures (announcements attached), the first of which was presented in Dr. Marcella Sorg's Forensic Anthropology course, but was open to the public and wider campus community. This talk was entitled "*From Archaeology to CSI: How Pollen Catches Criminals*" and about 75 people were in attendance. The second talk was to a smaller, more specialized audience of biological/climate change/anthropological researchers and was entitled "*Archaeological Palynology*" – about 30 people were in attendance. He also visited numerous research groups across campus including Dr. Frank Drummond's bee/honey group, the Paleoecology group, the Archaeology group, the Climate Change Institute's graduate students, and the Forensic group.

We have received funding for his visit from the Climate Change Institute (\$300) and the Department of Anthropology (\$300) – I am requesting a UMaine match of \$600 to defray travel costs. In addition, Vaughn is supplementing his visit with funds from the Palynology Laboratory at Texas A&M.

IV. Budget Proposal Form must be attached.

**Funding for current application is contingent upon submission of reports for any previous grant awards, including final budget and attendance figures.**

SEND COMPLETED APPLICATION VIA EMAIL TO: [wcarr@maine.edu](mailto:wcarr@maine.edu)

For questions regarding the Cultural Affairs/Distinguished Lecture Series, please contact

## Cultural Affairs/Distinguished Lecture Series Fund Budget Proposal Form

Applicant/Organization: Kristin Sobolik, Climate Change Institute, Dept of Anthropology  
 Responsible Officer: Kristin Sobolik  
 Event Title: Dr. Vaughn Bryant Visit plus two lectures  
 Event Date: March 19-21, 2012

Total Program Budget: \$1200  
 Amount Committed by Applicant Organization: \$600  
 Total Amount Requested from Other Funding Sources: \_\_\_\_\_  
 Please List Sources & Amounts below:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Amount Requested from CA/DLS Committee: \$600 \*  
 Revenues, if any, expected (fees, ticket sales): \_\_\_\_\_

Budget Breakdown of Expenses and funds to be used:	CADLS	Other
Honoraria/Services (explain below)	\$ <u>0</u>	\$ <u>0</u>

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Travel	\$ <u>578</u>	\$ _____
Airline Ticket		

\_\_\_\_\_

Lodging/Meals	\$ <u>22</u>	\$ <u>600</u>
Advertising	\$ _____	\$ _____
Printing	\$ _____	\$ _____
Supplies and Materials	\$ _____	\$ _____
Other (must specify below)	\$ _____	\$ _____

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Total Expenses from CA/DLS funds: \$ 600 \*  
 Total Expenses from other funds: \$ 600  
 (These two totals should equal the "Total Program Budget" listed above)

\*These amounts should be identical and should not exceed 75% of the total program/event budget – see guidelines for further information. Please note that CA/DLS funds may not be used for receptions and do not normally fund UM employee wages. If an award is granted based on this proposal, reimbursement of expenses will not exceed the total CA/DLS request and will be limited to the types of expenditures outlined above.

# CURRICULUM VITAE

September 2011

VAUGHN M. BRYANT

Anthropology Department  
Texas A&M University (TAMU 4352)  
College Station, Texas 77843-4352  
Phone (979) 845-5255  
Pollen Lab (979) 845-9334

Email ([vbryant@neo.tamu.edu](mailto:vbryant@neo.tamu.edu))

## *PROFESSIONAL INTERESTS:*

Palynology, Quaternary Paleoecology, Prehistoric Diets, Paleoethnobotany,  
Melissopalynology, Forensic Palynology, North American Archaeology

## *DEGREES:*

Ph.D. The University of Texas, Austin, 1969. (Botany)  
M.A. The University of Texas, Austin, 1966. (Anthropology)  
B.A. The University of Texas, Austin, 1964. (Geography)

## *PROFESSIONAL EXPERIENCE:*

2009- Professor, Anthropology Department, Director of the Texas A&M Palynology Laboratory, and Adjunct Professor of Forensic Science (University of Nebraska Lincoln)  
2002-2008 Professor, Anthropology Department, Director of the Texas A&M Palynology Laboratory  
2000-2002 Professor, Anthropology Department, Director of the Center for Ecological Archaeology, Director of the Texas A&M Palynology Laboratory  
1999-2000 Professor, Anthropology Department, Director of the Texas A&M Palynology Laboratory  
1980-1999 Professor and Department Head, Department of Anthropology, Director of the Texas A&M Palynology Laboratory  
1986-1986 Professor and Head of Anthropology (summer teaching in London, England, and in Sterling, Scotland)  
1983-1987 Professor and Head, Department of Anthropology, Professor of Biology, Director of the Texas A&M University Palynology Laboratory  
1980-1983 Professor and Program Head, Anthropology Program, Professor of Biology, Director of the Texas A&M University Palynology Laboratory  
1975-1980 Associate Professor, Program Head of Anthropology, and Associate Professor of Biology  
1971-1974 Assistant Professor of Anthropology, Coordinator of Anthropological Studies, Department of Sociology and Anthropology  
1969-1971 Assistant Professor of Anthropology, Assistant Professor of Environmental Sciences, and Director of the Palynology Laboratory, Washington State University  
1963-1969 Cartographer, University of Texas Press, Austin, Texas  
1966-1968 Teaching Assistant, University of Texas, Department of Botany  
1964-1966 Research Associate, Texas Archeological Salvage Project, Austin, Texas  
1963-1964 Map Clerk, University of Texas, Department of Geography,  
1960-1964 Research Assistant, Texas Memorial Museum, Austin, Texas

## *MAJOR PROFESSIONAL AFFILIATIONS:*

American Association of Stratigraphic Palynologists  
Society for Ethnobiology  
Society for American Archaeology

#### **AWARDS, ELECTED POSITIONS, AND HONORS**

- 2007 Fryxell Award for Outstanding Botanical Research in Archaeology. Award presented by the Society for American Archaeology, Austin, Texas.
- 2005 AASP Honorary Membership Award. Awarded at the 38<sup>th</sup> Annual Meeting of the American Association of Stratigraphic Palynologists. St. Louis, Missouri.
- 1999 AASP Distinguished Service Award. Awarded at the 32<sup>nd</sup> Annual Meeting of the American Association of Stratigraphic Palynologists. Savannah, Georgia.
- 1993 UNOCAL/AASP Best Application's Paper Award. Awarded at the 26<sup>th</sup> Annual Meeting of the American Association of Stratigraphic Palynologists. Baton Rouge, Louisiana.
- 1992 Mel Prueitt Award. Awarded by the Encyclopedia Britannica for outstanding scientific writing during 1991.
- 1990 Texas A&M University Faculty Distinguished Achievement Award in Administration (one award presented annually).
- 1994-1995 President of the American Association of Stratigraphic Palynologists.
- 1983-1984 President-elect of the American Association of Stratigraphic Palynologists.
- 1979 Texas A&M University Distinguished Lecturer for 1979 (one faculty member selected annually).
- 1979-1983 Managing Editor of the American Association of Stratigraphic Palynologists.
- 1976-1979 Editor of the journal *Palynology*, American Association of Stratigraphic Palynologists.
- 1976 Texas A&M University MSC Distinguished Service Award.
- 1974 Texas A&M University Faculty Distinguished Achievement Award in Teaching (six awarded annually).

#### **INTERVIEWS OR VIDEO PRESENTATIONS ON MAJOR NETWORK TELEVISION:**

- FOX News (2006)---3 minute interview about the pollen evidence related to a murder case I helped to resolve that occurred near Rochester, NY
- CBS News (2006)---2 ½ minute interview and feature about the use of pollen in forensic cases
- BBC, 2001 (PBS)---55 minute video on my kissing research "Secrets of Kissing"
- Scientia, Television Brazil, 1998 (IDEA) ---Program 150, 3-minute interview on forensic palynology
- Fox News Network, 1998 (FOX)---4-minute interview about the uses of forensic palynology in law enforcement
- Science News, 1997 (CNN)---2-minute interview about the use of forensic palynology
- Crime Scene, 1990 (LETN)---30-minute video of my forensic research (used for one of their weekly programs
- 3-2-1 Contact, 1986 (PBS)---25-minute video of my research used for their weekly program
- To Tell the Truth, 1982 (CBS)---contestant (as an expert in diet research)
- Today Show, 1981 (NBC)---5-minute live interview about my research on the origin of kissing

#### **REFEREED ARTICLES IN JOURNALS**

- 2009 (R. Saunders, W. Krebs, J. Wrenn, & V. Bryant) Coastal dynamics and cultural occupations on Choctawhatchee Bay, Florida, U.S.A., *Palynology* 33(2):135-156
- 2009 (V. Bryant & R. Holloway) V.M. Bryant, Jr. and R.G. Holloway: Reducing charcoal abundance in archaeological pollen sampling, *Palynology* 33(2):51-60
- 2009 (Morten Rasmussen, Linda Scott Cummings, M. Thomas P. Gilbert, Vaughn Bryant, Colin Smith, Dennis L. Jenkins, Eske Willerslev) Response to Comment by Goldberg et al. on "DNA from Pre-Clovis Human Coprolites in Oregon, North America." *Science* 325: 148d-149d.
- 2007 Microscopic evidence for the domestication and spread of maize. *Proceedings of the National Academy of Sciences* 104 (50):19659-19660.
- 2007 (Sajwani, S. Farooq, A. el Sadig a., A. Eltayeb, & V. M. Bryant) Melissopalynology of Oman. *Palynology*. 31:63-79.
- 2007 (K. Reinhard & V. M. Bryant) Reinterpreting the Pollen Data from Dos Cabezas. *International Journal of Osteoarchaeology* 17:531-541.
- 2007 (G. Jones & V. M. Bryant) A Comparison of Pollen Counts: Light versus Scanning Electron Microscopy. *Grana* 46: 20-33.

- 2006 (P. Siska, V. Bryant, and I-Kuai Hung) Geospatial analysis of southern pine biome and pollen distribution patterns in southeastern United States. *Geograficky Casopis* 58 (4):239-258.
- 2006 (D. Mildenhall, P. Wiltshire, & V. Bryant) Forensic palynology: An overview. *Forensic Science International* 163:161-162.
- 2006 (D. Mildenhall, P. Wiltshire, & V. Bryant) Forensic Palynology: Why do it and how it Works. *Forensic Science International* 163:163-172.
- 2006 (V. Bryant & G. Jones) Forensic palynology: Current status of a rarely used technique in the United States of America. *Forensic Science International* 163:183-197.
- 2006 (Vaughn M. Bryant, Jr. & Glenna Dean) Archaeological Coprolite Science: the Legacy of Eric O. Callen (1912-1970). *Palaeogeography, Palaeoclimatology, Palaeoecology* 237:51-66.
- 2006 (P. Siska, I-Kuai Hung, & V. Bryant) Correlation between pollen dispersion and forest spatial distribution patterns in the southeastern part of the U.S. In: *Proceedings of the Fifth Southern Forestry and Natural Resources GIS Conference* (Prisley, S. ed): 159-171.
- 2005 (Peter Siska, P. Goovaets, K. Hung, & V.M. Bryant) Predicting Ordinary Kriging Errors caused by Terrain Roughness and Dissectivity. *Journal of Earth Surface Processes and Landforms* 30 (6):601-612.
- 2005 (Peter Siska and V.M. Bryant) Digital Ecosystem Analysis, *Papers of the Applied Geography Conferences* 28:
- 2004 (Gretchen Jones & Vaughn M. Bryant) The use of ETOH for the Recovery of Pollen in Honey, *Grana* 43:174-182
- 2004 (K.A. Baum, W. L. Rubink, R.N. Coulson, & V. M. Bryant) Pollen Selection by Feral Honey Bee (Hymenoptera: *Apidae*) Colonies in a Coastal Prairie Landscape, *Environmental Entomology*, 33 (3):727-739.
- 2003 Invisible Clues to New World Plant Domestication. *Science* 229:1029-1030.
- 2001 (D. Gorham & Vaughn M. Bryant) The Role of Pollen and Phytoliths in Underwater Archaeology. *International Journal of Nautical Archaeology* 30 (2): 299-305.
- 2001 (A. P. Beck, J. Jones, V. Bryant, & R. Moore) A Late Holocene Pollen Sequence from Aronow Bog, Northern Harris County, Texas. *Texas Journal of Science* 53(4): 353-364.
- 2001 (Vaughn M. Bryant, & Gretchen Jones) Pollen coefficients; the R-values of honey. *Palynology* 25: 11-28.
- 2001 (H. Poinar, M. Kuch, K. Sobolik, I. Barnes, A Stankiewicz, T. Kuder, W. Spaulding, V. Bryant, A. Cooper, & S. Paabo) A molecular analysis of dietary diversity for three archaic Native Americans. *Proceedings of the National Academy of Sciences* 98 (8):4317-4322.
- 2001 (Peter Siska, Vaughn M. Bryant, Jr., & John Jones) The spatial analysis of modern pollen rain in Big Bend National Park. *Palynology* 25: 34-42.
- 1996 (J. W. White and Vaughn M. Bryant) Assessing Citrus Honey Quality: Pollen and Methyl Anthranilate Content. *Journal of Agricultural and Food Chemistry* 44:3423-3425.
- 1994 (P. Lingren, J. Westbrook, V. Bryant, J. Raulston, J. Esquivel, & G. Jones) Origin of Corn Earworm (Lepidoptera: Noctuidae) Migrants as Determined by *Citrus* Pollen Markers and Synoptic Weather Systems. *Journal of Environmental Entomology* 23:562-570.
- 1993 (Peter Lingren, V. Bryant, J. Raulston, M. Pendleton, J. Westbrook & G. Jones) Adult Feeding Host Range and Migratory Activities of Corn Earworm, Cabbage Looper and Celery Looper (Lepidoptera: Noctuidae) Moths as Evidenced by Attached Pollen. *Journal of Economic Entomology* 86:1431-1439.
- 1993 (V. Bryant & S. Hall) Archaeological Palynology in the USA: A Critique. *American Antiquity* 58(2): 277-286.
- 1992 (G. Jones & V. Bryant) Melissopalynology in the United States: A Review and Critique. *Palynology* 16:63-71.
- 1991 (J. White, Vaughn M. Bryant, and J.G. Jones) Adulteration Testing of Mesquite and Cats claw Honeys. *American Bee Journal* 131:123-126.
- 1991 (J. Benedict, D. Wolfenbarger, V. M. Bryant, and D. George) Pollens Ingested by Boll Weevils (*Coleoptera*: Curculionidae) in Southern Texas and Northeastern Mexico. *Journal of Economic Entomology* 84(1):126-131.

- 1991 (Vaughn M. Bryant, Jr., M. Pendleton, R. Murry, P. Lingren, and J. Raulston) Techniques for Studying Pollen Adhering to Nectar Feeding Corn Earworm (*Lepidoptera: Noctuidae*) Moths using Scanning Electron Microscopy. *Journal of Economic Entomology* 84 (1):237-240.
- 1990 (Vaughn M. Bryant, Jr. with D. Mildenhall and J.G. Jones) Forensic Palynology in the United States of America. *Palynology* 14: 193-208.
- 1986 (Richard Holloway and Vaughn M. Bryant, Jr.) New Directions of Palynology in Ethnobiology. *Journal of Ethnobiology* 6 (1):47-65.
- 1985 (Vance T. Holliday, Eileen Johnson, Stephen A. Hall and Vaughn M. Bryant, Jr.) Re-evaluation of the Lubbock Sub pluvial. *Current Research in the Pleistocene* 2: 148-150.
- 1984 (Richard G. Holloway and Vaughn M. Bryant, Jr.) *Picea glauca* Pollen from Late-Glacial Deposits in Central Texas. *Palynology* 8: 21-32.
- 1983 (Vaughn M. Bryant, Jr. and Richard G. Holloway) The Role of Palynology in Archaeology. *Advances in Archaeological Method and Theory* 6: 191-224.
- 1981 (Richard G. Holloway, Vaughn M. Bryant, Jr., and Sam Valastro) A 16,000 Year Pollen Record from Lake Wabamum, Alberta, Canada. *Palynology* 5: 195-208.
- 1978 Palynology: A Useful Method for Determining Paleoenvironments. *Texas Journal of Science* 30 (1): 25-42.
- 1978 (Richard Mack, Nathan Rutter, Vaughn M. Bryant, Jr., and Sam Valastro) Late Quaternary Pollen Record from Big Meadow, Pend Oreille County, Washington. *Ecology* 59 (5): 956-966.
- 1978 (Michael Regan, Ralph Rowlett, Eryan Garrison, Wakefield Dort, Vaughn M. Bryant, Jr., and Chris Johannsen) Flake Tools Stratified below Paleo-Indian Artifacts. *Science* 200: 1272-1275.
- 1978 (Richard Mack, Vaughn M. Bryant, Jr., and William Pell) Modern Forest Pollen Spectra from Eastern Washington and Northern Idaho. *Botanical Gazette* 139 (2): 249-255.
- 1978 (Richard Mack, Nathan Rutter, Vaughn M. Bryant, Jr., and Sam Valastro) Reexamination of Postglacial Vegetation History in Northern Idaho: Hager Pond, Bonner County. *Quaternary Research* 10: 241-255.
- 1978 (Richard Mack, Nathan Rutter, Sam Valastro, and Vaughn M. Bryant, Jr.) Late Quaternary Vegetation History at Waits Lake, Colville River Valley, Washington. *Botanical Gazette* 139 (4): 499-506.
- 1978 (Burliegh Trevor-Deutsch and Vaughn M. Bryant, Jr.) Analysis of Suspected Human Coprolites from Terra Amata, Nice, France. *Journal of Archaeological Science* 5: 387-390.
- 1977 (Vaughn M. Bryant, Jr. and Harry J. Shafer) The Late Quaternary Paleoenvironment of Texas: A Model for the Archeologist. *Bulletin of the Texas Archeological Society* 48: 1-25.
- 1977 A 16,000 Year Pollen Record of Vegetational Change in Central Texas. *Palynology* 1: 143-156.
- 1976 (Richard Mack and Vaughn M. Bryant, Jr.) Pollen Sequence from the Columbia Basin, Washington: Reappraisal of Postglacial Vegetation. *American Midland Naturalist* 95 (2): 390-397.
- 1975 (Glenna Williams-Dean and Vaughn M. Bryant, Jr.) Pollen Analysis of Human Coprolites from Antelope House, Canyon de Chelly National Monument, Arizona. *Kiva* 41 (1): 97-111.
- 1975 Pollen as an Indication of Prehistoric Diets in Coahuila, Mexico. *Bulletin of the Texas Archeological Society* 46: 87-106.
- 1974 The Eric O. Callen Collection. *American Antiquity* 39: 497-498.
- 1974 Prehistoric Diet in Southwest Texas. The Coprolite Evidence, *American Antiquity* 39: 407-420.
- 1974 The Role of Coprolite Analysis in Archeology. *Bulletin of the Texas Archeological Society* 74: 1-28.
- 1974 (Richard Mack and Vaughn M. Bryant, Jr.) Modern Pollen Spectra from the Columbia Basin, Washington. *Northwest Science* 48 (3): 183-194.
- 1973 (Gerald Garner and Vaughn M. Bryant, Jr.) Preparation of Modern Palynomorphs for Scanning Electron Microscopy by the Critical Point Drying Method. *Geoscience and Man* 7: 83-89.
- 1972 (Don Larson, Vaughn M. Bryant, Jr. and T. Patty) Pollen Analysis of the Hershop Peat Deposits: A Late-Quaternary Paleoenvironmental Record from Texas. *American Midland Naturalist* 88 (2): 358-367.
- 1968 (Vaughn M. Bryant, Jr. and Robert Holz) The Role of Pollen in the Reconstruction of Past Environments. *The Pennsylvania Geographer* 6 (1): 11-19.
- 1966 (Vaughn M. Bryant, Jr. and Robert Holz) A Guide to the Drafting of Archaeological Maps. (Reprinted in) *Plains Anthropologist* 11: 186-197.

- 1965 (Vaughn M. Bryant, Jr. and Robert Holz) A Guide to the Drafting of Archaeological Maps. *Bulletin of the Texas Archaeological Society* 35: 259-285.

#### REFEREED BOOK CHAPTERS

- 2011 De Lumley, H., de Beaulieu, J., Behre, K., Bryant, V. Jouy-Avantin, F., & Trevor-Deutsch, B. Les coprolithes du site Acheuleen de Terra Amata. In: *Terra Amata: Nice, Alpes-Maritimes, France, Tome II.* (de Lumley, H. ed.). CNRS Editions, Paris. Pp. 509-534.
- 2008 (Reinhard KJ, Bryant VM) Pathoecology and the Future of Coprolite Studies. In: *Reanalysis and Reinterpretation in Southwestern Bioarchaeology* (A. Stodder, ed.), Arizona State University Press: Tempe. Pp. 199-216.
- 2008 (Reinhard KJ and Bryant VM) Dietary sampling methods in burials. In: *Encyclopedia of Archaeology* (D Pearsall ed.), vol. 2. Elsevier Press: New York. Pp. 937-944.
- 2005 (Lynne Milne, V.M. Bryant & D. Mildenhall) Forensic Palynology. In: *Forensic Botany: Principles and Applications to Criminal Casework*, (Heather M. Coyle, Ed). CRC Press. p. 217-252.
- 2001 (G. Jones and V. Bryant) Alcohol dilution of honey; In: Goodman, D.K., and Clarke, R.T. (Eds.), *Proceedings of the IX International Palynological Congress, Houston, Texas, U.S.A., 1996*; American Association of Stratigraphic Palynologists Foundation, p. 483-488.
- 2001 (G. Jones and V. Bryant) Is one drop enough?; In: Goodman, D.K., and Clarke, R.T. (Eds.), *Proceedings of the IX International Palynological Congress, Houston, Texas, U.S.A., 1996*; American Association of Stratigraphic Palynologists Foundation, p. 453-458.
- 1998 (V. Bryant and D. Mildenhall) Forensic Palynology: A New Way to Catch Crooks. In: *New Developments in Palynomorph Sampling, Extraction, and Analysis* (V. Bryant & J. Wrenn, Eds.), pp 145-155, AASP Contribution Series # 33. American Association of Stratigraphic Palynologists, Dallas.
- 1998 (J. Jones, V. Bryant, and E. Weinstein) Pollen Analysis of a Persian Period or Late Iron Age II Shipwreck in Tantura Lagoon, Israel. In: *New Developments in Palynomorph Sampling, Extraction, and Analysis* (V. Bryant & J. Wrenn, Eds.), pp 61-74, AASP Contribution Series # 33. American Association of Stratigraphic Palynologists, Dallas.
- 1998 (G. Jones and V. Bryant) Pollen recovery from honey. In: *New Developments in Palynomorph Sampling, Extraction, and Analysis* (V. Bryant & J. Wrenn, Eds.), pp 107-114, AASP Contribution Series # 33. American Association of Stratigraphic Palynologists, Dallas.
- 1998 (G. Jones and V. Bryant) Are all drops created equal? In: *New Developments in Palynomorph Sampling, Extraction, and Analysis* (V. Bryant & J. Wrenn, Eds.), pp 115-120, AASP Contribution Series # 33. American Association of Stratigraphic Palynologists, Dallas.
- 1998 (V. Bryant and J. Wrenn) Tips and Traps of Palynomorph Sampling, Processing and Analysis: An Overview. In: *New Developments in Palynomorph Sampling, Extraction, and Analysis* (V. Bryant & J. Wrenn, Eds.), pp 1-5, AASP Contribution Series # 33. American Association of Stratigraphic Palynologists, Dallas.
- 1998 (M. Jacobsen and V. Bryant) Preliminary Fossil Pollen Analysis of Terebinth Resin from a 15-century BC Shipwreck at Ulu Burun, Turkey. In: *New Developments in Palynomorph Sampling, Extraction, and Analysis* (V. Bryant & J. Wrenn, eds.), pp 75-82, AASP Contribution Series # 33. American Association of Stratigraphic Palynologists, Dallas.
- 1997 (P. Siska, V. Bryant, and R. Maggio) Palynology, GIS and Geostatistics Interactions: Searching for new Avenues in GIS Applications. In: *Proceedings of GIS/LIS 1997 International Conference*. Pp 251-257. American Society for Photogrammetry and Remote Sensing Publication. Cincinnati, Ohio.
- 1997 Pollen Analysis of Prehistoric Human Feces from Mammoth Cave, Kentucky. In: *Archaeology of the Mammoth Cave area* (ed. Patty Jo Watson). Pp. 203-209. Cave Books, St. Louis.
- 1996 (K. Reinhard and V. Bryant) Investigating Mummified Intestinal Contents: Reconstructing Diet and Parasitic Disease. In: *The Proceedings of the First World Congress on Mummy Studies* pp 403-408. Museo Arqueologico y Ethnografico de Tenerife. Tenerife, Canary Islands.
- 1996 New Frontiers in Palynology. In: *Palynology: Principles and Applications*, (J. Jansonius and D. C. McGregor eds.), pp 911-912. American Association of Stratigraphic Palynologists Foundation, Dallas, Texas.



- 1996 (M. Pendleton, V. Bryant and B. Pendleton), Entomopalynology. In: *Palynology: Principles and Applications*, (J. Jansonius and D. C. McGregor eds.), pp 939-944. American Association of Stratigraphic Palynologists Foundation, Dallas, Texas.
- 1996 (V. Bryant, D. Mildenhall, and J. Jones), Forensic Studies in Palynology. In: *Palynology: Principles and Applications*, (J. Jansonius and D. C. McGregor eds.), pp 957-960. American Association of Stratigraphic Palynologists Foundation, Dallas, Texas.
- 1996 (V. Bryant and R. Holloway), Archaeological Palynology. In: *Palynology: Principles and Applications*, (J. Jansonius and D. C. McGregor eds.), pp 913-918. American Association of Stratigraphic Palynologists Foundation, Dallas, Texas.
- 1996 (G. Jones & V. Bryant), Melissopalynology. In: *Palynology: Principles and Applications*, (J. Jansonius and D. C. McGregor eds.), pp 933-938. American Association of Stratigraphic Palynologists Foundation, Dallas, Texas.
- 1994 The Paleolithic Health Club. *1995 Yearbook of Science and the Future*, Encyclopedia Britannica, Chicago, Illinois. Pp. 115-133.
- 1994 (V. Bryant, R. Holloway, J. Jones, & D. Carlson) Pollen Preservation in Alkaline Soils of the American Southwest. In: *Sedimentation of Organic Particles* (ed. A. Traverse). Cambridge University Press, London. Pp. 47-58.
- 1994 Callen's Legacy. In: *The Diet and Health of Prehistoric Americans* (ed. K. Sobolik). Center for Archaeological Investigations, Occasional Paper No. 22. Pp. 151-160. Southern Illinois University Press, Carbondale.
- 1993 Phytolith Research: A Look Toward the Future. In: *Current Research in Phytolith Analysis: Applications in Archaeology and Paleoecology* (ed. D. Pearsall and D. Piperno), MASCA Research Papers in Science and Archaeology 10:175-181.
- 1992 (Karl J. Reinhard and Vaughn M. Bryant, Jr.) Coprolite Analysis: A Biological Perspective on Archaeology. In: *Advances in Archaeological Method and Theory*, Vol 4. (Ed. M. Shiffer), University of Arizona Press, Tucson. Pp. 245-288.
- 1992 (J. Jones & V. Bryant) A Preliminary Key to Calcium Oxalate Phytoliths in Selected Genera of Texas Cactaceae. In: *Phytolith Systematics: Emerging Issues*. (Ed. R. Rapp & S. Mulholland) Plenum Press. Pp 215-238.
- 1987 (Vaughn M. Bryant, Jr. and James Schoenwetter) Pollen Records from Lubbock Lake. In: *Lubbock Lake Late Quaternary Studies on the Southern High Plains* (E. Johnson, ed.) pp. 36-40. Texas A&M University Press, College Station.
- 1986 (Vaughn M. Bryant, Jr. and Glen Weir) Pollen Analysis of Floor Sediment Samples: A Guide to Room Use. *Archeological Investigations at Antelope House* (D.P. Morris, Ed.). Pp. 58-71 National Park Service Publications in Archaeology No. 19.
- 1986 (Vaughn M. Bryant, Jr. and Don P. Morris) Uses of Ceramic Vessels and Grinding Implements: The Pollen Evidence. *Archeological Investigations at Antelope House* (D.P. Morris, Ed.). Pp. 489-500. National Park Service Publications in Archaeology No. 19.
- 1986 Prehistoric Diets: A Case for Coprolite Analysis. In: *Ancient Texans* (H. Shafer, Ed.). Pp. 132-135. Texas Monthly Press.
- 1986 Pollen: Nature's Tiny Capsules of Information. In: *Ancient Texans* (H. Shafer, Ed.). Pp. 50-57. Texas Monthly Press.
- 1985 (Vaughn M. Bryant, Jr. and Richard G. Holloway) A Late-Quaternary Paleoenvironmental Record of Texas: An Overview of the Pollen Evidence. In: *Pollen Records of Late-Quaternary North American Sediments* (eds. V. Bryant and R. Holloway). Pp. 39-71. AASP Book Series, Dallas, Texas.
- 1985 (Richard G. Holloway and Vaughn M. Bryant, Jr.) Late-Quaternary Pollen Records and Vegetational History of the Great Lakes Region: United States and Canada. In: *Pollen Records of Late-Quaternary North American Sediments* (eds. V. Bryant and R. Holloway). Pp. 205-245. AASP Book Series, Dallas, Texas.
- 1985 (Vaughn M. Bryant, Jr. and Glenna Williams-Dean) The Coprolites of Man. In: *Avenues to Antiquity*, (B. Fagan, ed.) pp. 257-266. W.H. Freeman & Company.
- 1984 Anthropology and Agriculture: People's Eating Habits from Prehistoric Times. *Proceedings of the 40<sup>th</sup> Conference of the Society for the Advancement of Food Service Research*, Vol. 40:1-12.

- 1982 (Vaughn M. Bryant, Jr. and Robert Murry) Preliminary Analysis of Amphora, Contents. In: *Yassi Ada, Vol. I: A Seventh-Century Byzantine Shipwreck* (G.F. Bass and F.H. Van Doorninck, Jr., eds.) pp. 327-331. Texas A&M University Press.
- 1980 (Vaughn M. Bryant, Jr. and David H. Riskind) The Paleoenvironmental Record for Northeastern Mexico: A Review of the Pollen Evidence. *Papers on the Prehistory of Northeastern Mexico and Adjacent Texas*. Center for Archaeological Research Special Report No.9 (San Antonio, Texas): 7-31.
- 1980 (Vaughn M. Bryant, Jr. and Burleigh Trevor-Deutsch) Analysis of Feces and Hair Suspected to be of Sasquatch Origin. In: *Manlike Monsters on Trial* (M. Halpin and M. Ames, eds.) pp. 191-200. The University of British Columbia Press.
- 1978 (Vaughn M. Bryant, Jr. and David H. Riskind) Late Quaternary Pollen Records from the East-Central Periphery of the Chihuahuan Desert. In: *Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region* (R. H. Wauer and D. H. Riskind, eds.), pp. 3-21. U.S. Department of the Interior Transactions and Proceedings Series No. 3.
- 1974 Pollen Analysis of Prehistoric Human Feces from Mammoth Cave, Kentucky. In: *The Archaeological Record from Mammoth Cave, Kentucky* (ed. Patty Jo Watson). Pp. 204-209. Seminar Press Publication.

*INVITED ARTICLES, BOOK CHAPTERS & SHORT SCIENTIFIC ARTICLES (excluding abstracts and book reviews, which are not listed)*

- 2010 (S. Petersen & V. Bryant) Fireweed: a Premier but Fickle Honey Plant. *American Bee Journal* 150(4):395-398.
- 2009 Forensic palynology. In: *The Wiley Encyclopedia of Forensic Science*. (A. Jamieson & A. Moenssens eds.) (John Wiley & Sons, UK), Pp 1954-1968.
- 2006 Pollen Analysis of Archaeological Sediments at the Paradise Site, Presidio County, Texas. In: *The Paradise Site: A Middle Archaic Campsite on the O<sub>2</sub> Ranch, Presidio County, Texas*. (A. Ohl, ed.) Center for Big Bend Studies. Alpine, TX. Pp. 149-170.
- 2000 Palynology. In: *Archaeological Method and Theory: An Encyclopedia*. (L. Ellis, Ed.). Pp 450-457. Garland Press.
- 2000 (V. Bryant and J.P. Dering) Paleoethnobotany. In: *Archaeological Method and Theory: An Encyclopedia*. (L. Ellis, Ed.). Pp 423-431. Garland Press.
- 2000 Flotation. In: *Archaeological Method and Theory: An Encyclopedia*. (L. Ellis, Ed.). Pp 216-218. Garland Press.
- 1998 Pre-Clovis. In: *Encyclopedia of North American Archaeology*. (G. Gibbon, Ed.). Pp 682-683. Garland Publishing Company, New York.
- 1996 Paleoenvironmental Reconstructions. In: *Oxford Companion to Archaeology*. (B.M. Fagan, Ed.). Pp 551-552. Oxford University Press, Oxford.
- 1996 Holocene Environments of the Americas. In: *Oxford Companion to Archaeology*. (B.M. Fagan, Ed.). Pp 310-311. Oxford University Press, Oxford.
- 1995 A Guide to Paleoethnobotany. In: *Papers of the Plenary Session of Current Archaeology: Interdisciplinary Approaches* (ed. Manitoba Archaeological Society), Pp. 23-45. Manitoba Museum of Man and Nature, Winnipeg, Canada.
- 1993 K. Sobolik & V. Bryant) Paleonutrition and Modern Nutrition. In: *1994 McGraw-Hill Yearbook of Science and Technology*, McGraw-Hill Inc., New York, Pp. 287-289.
- 1992 The First Americans. *1993 Yearbook of Science and the Future*, Encyclopedia Britannica, Chicago, Illinois. Pp. 8-27.
- 1989 Pollen: Nature's Fingerprints of Plants. *1990 Yearbook of Science and the Future*, Encyclopedia Britannica, Chicago, Illinois. Pp.92-111.
- 1988 Preservation of Biological Remains from Archaeological Sites. In: *Interdisciplinary Workshop on the Physical-Chemical-Biological Processes Affecting Archaeological Sites* (Mathewson, C.C., Ed.). Vicksburg, U.S. Army Corps of Engineers Waterways Experiment Station, Pp. 85-115.
- 1984 Ethnobotany of Hinds Cave. *National Geographic Society Research Reports*, Vol. 16: 127-129.
- 1983 Pollen Analysis of Pratt Cave, *The Artifact*, Vol. 21: 161-166.

- 1977 The Role of Palynology in the Reconstruction of Past Environments. In: *Man and Nature-Makers of Climatic Variation* (J. Griffiths, ed.), pp. 84-118. College of Geoscience, Texas A&M University.
- 1975 (Vaughn M. Bryant, Jr. and Glenna Williams-Dean) The Coprolites of Man. *Scientific American*, 232 (1): 100-109.

**WEB SITE PUBLICATIONS (excluding web sites at TEXAS A&M UNIVERSITY)**

- 2008 (K. Reinhard & V. M. Bryant) Reinterpreting the Pollen Data from Dos Cabezas. Published by Digital Commons @ UNL. <http://digitalcommons.unl.edu/natrespapers/95/>
- 2002 (V. Bryant) "Paleoenvironments." <http://www.tsha.utexas.edu/handbook/online/articles/view/pp/sop2.html>
- 2002 (V. Bryant) "Pollen." <http://www.tsha.utexas.edu/handbook/online/articles/view/PP/sop1.html>
- 2002 (V. Bryant and D. Marshall) "Welcome to the Virtual Apiary Field Trip" <http://www.vftn.org/projects/bryant/>
- 2001 (V. Bryant and, D. Mildenhall) "Forensic Palynology in the United States, and "Forensic Palynology: A New Way to Catch Crooks". At: <http://crimeandclues.com/palynology.htm>

**TECHNICAL REPORTS OR MONOGRAPHS:**

- 2009 Pollen Analysis of Samples from Madera Quemada Pueblo, In: *Madera Quemada: Archaeological investigations of a Fourteenth Century Jornada Mogollon Pueblo* (M Miller & T. Graves, eds), Geo-Marine, Inc. El Paso, TX. Pp. 273-290.
- 2009 (M. Miller, P. Dering, M. Brown, K. Brown, & V. Bryant) Summary of Subsistence Studies from Madera Quemada Pueblo, In: *Madera Quemada: Archaeological investigations of a Fourteenth Century Jornada Mogollon Pueblo* (M Miller & T. Graves, eds), Geo-Marine, Inc. El Paso, TX. Pp. 307-339.
- 2008 Pollen Extraction from Archaeological Samples, In: *Animas-LaPlata Project, Vol. X* (ed. J. Potter). SWCA Anthropological Research Paper Number 10, Phoenix, AZ. Appendix F
- 2008 (J. Jones, V. Bryant, & R. Holloway) Pollen Sediment Sample Results, In: *Animas-LaPlata Project, Vol. X* (ed. J. Potter). SWCA Anthropological Research Paper Number 10, Phoenix, AZ. Appendix H
- 2008 (J. Jones, V. Bryant, & R. Holloway) Pollen Wash Sample Results, In: *Animas-LaPlata Project, Vol. X* (ed. J. Potter). SWCA Anthropological Research Paper Number 10, Phoenix, AZ. Appendix J
- 2008 (S.M. Kalasz, C.M. Anderson, B.K. Gibson, M.D. McFaul, V.M. Bryant, & M.E. Malainey) Mitigative Excavations at the Ridgeway Site (5DA1000) in the Vicinity of the Interstate 25/Ridgeway Parkway Interchange, Douglas County, Colorado. Colorado Department of Transportation Archaeological Research Series 12. Denver, Colorado. 332 p.
- 2008 (D.M. Marshall and V. M. Bryant) Coprolite and Pollen Analysis. *Archaeology at Orange Beach: Phase III Data Recovery at 1BA21, the Bayou St. John Site. Orange Beach, Baldwin County, Alabama.* (ed. by Sarah Price). Center for Archaeological Studies, University of South Alabama. Chapter 10c, pages 191-195.
- 2006 Pollen extraction and summary of 15 sediment samples from San Antonio River Improvement Project (SARIP), Bexar County, Texas. In: *Intensive Pedestrian Survey along the Banks of the San Antonio River*, by A. L. Figueroa, K.M. Ulrich, S.Ch. Caran, & C.A.Speer. Archaeological Report # 371, Center for Archaeological Research, San Antonio, TX. (2006). pages 87-98.
- 2006 Pollen Analysis of Soils from Archaeological Site 41MV160, Texas. Final Report prepared for Gonzales and Tate, Inc. Austin, TX. 40 pages
- 2005 Pollen Analysis of Sites 41MV135, 136, 137, 138, 139 in Maverick County, Texas. Final Report prepared for Gonzales and Tate, Inc. Austin, TX. 29 pages
- 2005 Pollen Analysis of Archaeological Sediments from the Paradise Site (41 PS 914): Presidio County, Texas. Final report prepared for the Center for Big Bend Studies. 34 pages
- 2005 Pollen Analysis of Three Archaeological Samples from site LA145547, Aztec, NM. Final report sent to WCRM. 29 pages

- 2005 Pollen Analysis of Archaeological Sediments from CA-SD1-13978 and CA-SD1-4420: MCB Camp Joseph H. Pendleton, California. Final Report prepared for RECON in San Diego, California. 33 pages
2004. (Dawn M. Marshall and V. M. Bryant) Pollen Analysis of Archaeological Site 41BS908, Big Bend National Park. Final Report of research sent to Tom Alex, Big Bend National Park. 56 pages
- 1998 (Vaughn M. Bryant and J. Philip Dering) Palynology Studies of Archaeological Sediments from the La Salle Shipwreck Project. Report sent to the Texas Historical Commission. 15p.
- 1998 (Vaughn M. Bryant, Jr., John G. Jones, Dawn M. Marshall, and Melanie Glees) Palynology studies of Marine Sediments from the Hudson-Raritan Estuarine System. 90p.
- 1993 (Eri Weinstein and Vaughn M. Bryant, Jr.) Pollen Analysis of Core Sediments from the Karnak Quad, Texas and Old Soda Lake Bed, Louisiana. In: Geomorphic Investigation of Shreveport to Dangerfield Navigation Project. (Eds. P.A. Albertson and J.B. Dunbar) U.S. Army Corps of Engineers Technical Report GL-93-31, Vicksburg, Mississippi. (Appendix C) pages 1-20.
- 1992 (Phil Dering and Vaughn M. Bryant, Jr.) Pollen Analysis of Archaeological Sediments from Justiceburg Reservoir. In: Data Recovery at Justiceburg Reservoir (Lake Alan Henry) Phase III, Season I. (eds, D. Boyd, S. Tomka, B. Bousman, K. Gardner, M. Freeman). Prewitt and Associates, Inc. Austin, Texas. Pp. 211-220.
- 1977 (H. Shafer & V. M. Bryant, Jr. Eds.) Archaeological and Botanical Studies at Hinds Cave, Val Verde County, Texas, Texas A&M Anthropology Laboratory Special Series No. 1. Texas A&M Department of Anthropology, College Station, Texas. 97 pags
- 1976 Pollen analysis of the Shriver Site, Davies County, Missouri. In: Archaeological Investigations at the Shriver Site, 23 DV 12 Davies County, Missouri 1975-1976 (M.J. Reagan and D.R. Evans, eds.) pp. 85-101. Anthropology Department Publication. Columbia: Department of Anthropology.
- 1975 (Harry Shafer and Vaughn M. Bryant, Jr.) A Preliminary Report of Hinds Cave, Val Verde County, Texas. Texas A&M Anthropology Laboratory Report Series No. 8: 1-56.
- 1975 Pollen Analysis of 10 Soil Samples from the Cache River Basin. In: The Cache River Archeological Project. Arkansas Archeological Survey Series, No. 8: 311-312.
- 1969 Late Full-Glacial and Postglacial Pollen Analysis of Texas Sediments. Ph.D. Dissertation on file at The University of Texas Library, Austin.
- 1968 (Vaughn M. Bryant, Jr. and Don Larson) Pollen Analysis of the Devil's Mouth Site, Val Verde County, Texas, Papers of the Texas Archeological Salvage Project No. 14: 57-70.
- 1967 Preliminary Pollen Analysis of Arenosa Shelter, In: Excavations at Arenosa Shelter, 1965-1977. Pp. 77-85. Texas Archeological Salvage Project Publication Series (Austin, Texas): 77-85.
- 1966 Pollen Analysis: Its Environmental and Cultural Implications in the Amistad Reservoir Area. Master's Thesis on file at the University of Texas Library, Austin.
- 1966 (Dee Ann Story and Vaughn M. Bryant, Jr.) A Preliminary Study of the Paleoecology of the Amistad Reservoir Area. Final Report of Research sent to the National Science Foundation, Pp. 1-255.

**ARTICLES PUBLISHED IN POPULAR MAGAZINES & PROFESSIONAL NEWSLETTERS:**

- 2008 A Crime Solver. . *Dig Magazine* 10 (10):20-21
- 2008 Pollen Saves the Day. *Dig Magazine* 10 (10):23-25
- 2007 Nectar of the Gods. *Dig Magazine* 9 (1):16-17
- 2007 Little things mean a lot: the search for starch grains at archaeological sites. *Mammoth Trumpet* 22 (4):3-4 and 16-17.
- 2007 Starch and the palynologist. . *Canadian Association of Palynologists Newsletter* 30 (1):7-9.
- 2004 The Bottlebrush and Hibiscus get Their Man. *Odyssey* 13 (1):38-41.
- 2004 Cargo Tales. *Dig Magazine* 6 (7):11.
- 2004 Chasing Early Pollen in South America. *Canadian Association of Palynologists Newsletter* 26 (2):10-15.
- 2003 How Pollen solved a 10,000 year Old Mystery. *Canadian Association of Palynologists Newsletter* 26 (1): 6-9.
- 2003 A Scratch Tells All. *Dig Magazine* 5 (4):6-9.
- 2003 The Elusive Pollen Grain. 2003 Cropping off the Perfect Diet. *Useful Wild Plants* 20 (1): 3-6, 11-13.

- 2003 Pollen and the First Americans. *Mammoth Trumpet* 18 (2):8-9, 15-16.
- 2002 Don't Eat Like a Neanderthal, but Learn a Lesson from their Diets. *Canadian Association of Palynologists Newsletter* 25 (2): 8-15.
- 2002 (F. English, V. Bryant, F. Lawrence, W. Glasson, & W. Perryman) Unusual fungus observed in tears. *Ocular Surgery News* 20 (11): 46
- 2001 Pollen Contents of Honey. *Canadian Association of Palynologists Newsletter* 24 (1): 10-24.
- 2000 A Honey of a Story. *Canadian Association of Palynologists Newsletter* 23 (2): 12-18.
- 2000 Does Pollen Prove the Shroud Authentic? *Biblical Archaeology* 26 (6): 18-30.
- 1997 Forensic Palynology: A New Way to Catch Crooks. *Mid-Atlantic Association of Forensic Scientists Newsletter* 25 (4):32-46.
- 1995 Preliminary Pollen Analysis of Sediments Collected from Tantara Lagoon. *The INA Quarterly* 22 (2):18-19.
- 1995 Ace Vaughn Bryant, Plant Detective. *Useful Wild Plants* 9 (Summer):3-12.
- 1995 Eating Right is an Ancient Rite. *World and I* 10 (January):216-221.
- 1994 What's Eating Us...Is What We're Eating: *Useful Wild Plants* 7:3-7.
- 1993 Slim, Trim, and Paleo-Indians: *Useful Wild Plants* 5:3-5.
- 1993 Billions and Billions: Pollen and Spores in the Skies of Texas. *Useful Wild Plants* 1 (3):12-13.
- 1992 Captain of Underwater Archaeology. *World and I*. 7 (June): 254-261.
- 1991 (Vaughn M. Bryant, Jr. & Sylvia Grider) Mistletoe, Christmas, and Kissing. *World and I* (6, December):612-619.
- 1987 Pollen: The Tiniest Clues in Archaeology. *Environment Southwest* 519 (Autumn): 10-13.
- 1980 Move over Mark Spitz, Here Comes Poozer! *Swimmers* (October-November):13-16.
- 1979 I Put Myself on a Caveman Diet Permanently. *Prevention* (September): 128-137.
- 1975 (Vaughn M. Bryant, Jr. and Glenna Williams-Dean) The Coprolites of Man. *Scientific American*, 232 (1): 100-109.

**PUBLICATIONS (ACCEPTED FOR PUBLICATION OR IN REVIEW FOR PUBLICATION)**

- In review (Vaughn M. Bryant) Late Iron Age II or Persian Period Maritime Cargoes as revealed from Pollen Studies from Tantara Lagoon, Israel. *The Underwater Archaeology of Tantara Lagoon, Israel* (S. Wachsmann, Ed.).
- In review (Vaughn M. Bryant, Jr. & Dillon Gorham) Sample Collection and Paleoethnobotanical Analysis of Samples from Shipwreck Sites in Tantara Lagoon, Israel. *The Underwater Archaeology of Tantara Lagoon, Israel*. (S. Wachsmann, Ed.).

**BOOKS AND EDITED JOURNAL VOLUMES**

- 2006 *Forensic Science International* Volume 163 (edited by D. Mildenhall, P. Wiltshire, & V. Bryant)
- 2004 *Reflections: A Four-Field Reader in Anthropology* (1<sup>st</sup> edition) (K. Dettwyler & V. Bryant, Eds.). McGraw-Hill, Inc. 320 pages
- 1999 *Through the Looking Glass: Readings in General Anthropology*, (1<sup>st</sup> edition) (L. Cronk & V. Bryant, Eds.). McGraw-Hill, Inc. 262 pages.
- 1998 *New Developments in Palynomorph Sampling, Extraction, and Analysis* (V. Bryant & J. Wrenn, Eds.) AASP Contribution Series # 33. American Association of Stratigraphic Palynologists, Dallas. 162 pages.
- 1997 *Through the Looking Glass*. (2<sup>nd</sup> edition) (D. Carlson & V. Bryant, Eds.). McGraw-Hill, Inc. 259 pages.
- 1996 *Program and Abstracts: IX International Palynological Congress*, (V. Bryant, G. Wood, J. Jansonius, B. Jobling, & D. Nichols, eds.). American Association of Stratigraphic Palynologists, Dallas. 184 pages.

- 1995 *A Pollen Atlas of Southeastern U.S. Flora.* (G. Jones, V. Bryant, M. Lieux, P. Lingren, and S. Jones) AASP Contribution Series #30. American Association of Stratigraphic Palynologists Foundation, Dallas, Texas. 76 pages, 104 plates.
- 1993 *Through the Looking Glass.* (1<sup>st</sup> edition) (D. Carlson & V. Bryant, Eds.). McGraw-Hill, Inc. 256 pages.
- 1985 *Pollen Records of Late-Quaternary North American Sediments* (V. Bryant, and Richard G. Holloway, Eds.) American Association of Stratigraphic Palynologists Foundation, Dallas, Texas. 440 pages.

**SELECTED PAPERS PRESENTED AT PROFESSIONAL MEETINGS AND SYMPOSIA CHAIRED**

- 2012 **Influence of Environmental Parameters on Spatial Pattern of Pollen Distribution in Columbia Basin: Factor Analysis Approach.** Annual Meeting of the American Association of Geographers (New York City, April 2012) (Peter Siska, Stefan Polácik, Vaughn M. Bryant)
- 2011 **Identifying Geographical Origins of Transshipped Honey entering the US.** US/Canadian North American Beekeeping Conference (Galveston, January 2011)
- 2011 **Using pollen and Spores to Catch Criminals and Terrorists.** Annual Meeting of the Southwestern Association of Criminal Justice (College Station, September 2011)
- 2010 **Forensics and Geolocation using Pollen.** Annual meeting of the American Association of Stratigraphic Palynologists (Halifax, October 2010).
- 2010 **Melissopalynology and its role in the World Honey Market.** Annual Meeting of the International Conference on Beekeeping Development and Honey Marketing (Hanoi, Viet Nam, October 2010) (Stephen Petersen and Vaughn Bryant)
- 2010 **Characteristics of modern pollen rain and the relationship to vegetation in sagebrush and steppe environments of the western USA.** Annual Meeting of the American Geophysical Union (San Francisco, September 2010) (Christy Briles and Vaughn Bryant)
- 2008 **Pollen and its application and use in forensic archaeology.** Society for American Archaeology Annual Meeting (Vancouver, April 2008)
- 2007 **Pollen Identification and Verification of Nectar Sources in Honey.** American Beekeepers Federation annual meeting (Austin, January 2007)
- 2007 **Being Miscellaneous: Life as a Paleoethnobotanist.** (Fryxell Symposium) Society for American Archaeology annual meeting (Austin, April 2007)
- 2007 **Using Pollen Prints to Catch Criminals and Fight Terrorism,** Fourth Annual Law Enforcement Forensic Conference, (Denison, TX, May 2007)
- 2007 **Pollen Analysis of the CAM-15 Mummy from Coastal Peru,** 40<sup>th</sup> Annual Meeting of the American Association of Stratigraphic Palynologists (Panama City, Panama, September 2007) (David Jarzen and Vaughn Bryant).
- 2006 **Correlation between pollen dispersion and forest spatial distribution patterns in the southeastern part of the U.S.** Fifth Southern Forestry and Natural Resource Management GIS Conference, (Ashville, N.C., June 2006) (Peter P. Siska, I-Kuai Hung, & Vaughn Bryant).
- 2006 **Techniques for removing excess charcoal from archaeological pollen samples.** Geological Society of America (Philadelphia). October 2006
- 2005 **Comparison of SEM and LM analyses of pollen samples.** 38<sup>th</sup> Annual Meeting of the American Association of Stratigraphic Palynologists (St. Louis). October 2005.
- 2004 **From Archaeological Palynology to CSI,** Annual Meeting of the Texas Archaeological Society (College Station), October, 2004.
- 2004 **Using Pollen to Catch Murderers, Thieves, Rapists, and Terrorists: Marshall- Fallon Distinguished Lecture Series,** (College Station) October, 2004
- 2004 **Forensic Pollen: Current Status in the United States of America.** 17th International Association of Forensic Scientists (Wellington, NZ), March 2004.
- 2003 **Techniques in Forensic Pollen.** 17<sup>th</sup> Annual Meeting of the Homicide Investigators of Texas (Clear Lake). March 2003
- 2003 **Fossil Pollen Prints of the Texas Past.** Lady Bird Johnson Wildflower Center Plant Symposium of Native Texas Plants (Austin). March 2003

- 2002 Eric O. Callen and the Early Years of Coprolite Analysis (1900-1970). 35<sup>th</sup> Annual Meeting of the American Association of Stratigraphic Palynologists(London). September 2002.
- 2002 Using Pollen to Identify Premium Varieties of Honey. 59<sup>th</sup> Annual Meeting of the American Federation of Beekeepers, January, 2002.
- 2001 What Good is a Web Site for Identifying Honey using Pollen? 2001 Annual Convention of the Texas Beekeepers Association. November 2001.
- 2001 Pollen Coefficients in Honey. 34<sup>th</sup> Annual Meeting of the American Association of Stratigraphic Palynologists. October 2001.
- 2000 Forensics and Pollen. 33<sup>rd</sup> Annual Meeting of the American Association of Stratigraphic Palynologists. October 2000.
- 1999 Palynological Studies of two A.D. Ninth-Century Shipwrecks from the Eastern Mediterranean Sea. 32<sup>nd</sup> Annual Meeting of the American Association of Stratigraphic Palynologists. October 1999.
- 1999 Ecologic Interpretations of Surface Pollen Patterns Using GIS and Spatial Analysis in Desert Ecosystems. Annual Meeting of the American Society for Photogrammetric Engineering and Remote Sensing. October 1999.
- 1998 Spatial Modeling of the Modern Pollen Rain in the Big Bend National Park Region of West Texas. 31st Annual Meeting of the American Association of Stratigraphic Palynologists. October 1998.
- 1998 Texas: The Last 30,000 Years of Climate and Vegetational Change. Annual Meeting of the Texas Forest Service. January 1998
- 1997 Palynology, GIS and Geostatistics Interactions: Searching for new Avenues in GIS Applications. 1997 GIS/LIS International Conference. November 1997
- 1996 Case Studies in Forensic Palynology. IX International Palynological Congress. June 1996.
- 1996 Pollen Grain Deterioration in the South-Central United States: Criteria for Evaluation of Pollen Spectra. IX International Palynological Congress. June 1996
- 1996 A Drop is a Drop is a Drop! IX International Palynological Congress. June 1996
- 1995 Pollen Analysis of a Persian Period or Late Iron Age II Shipwreck in Tantura Lagoon, Israel. Annual Meeting of the American Association of Stratigraphic Palynologists. October 1995.
- 1995 Techniques in Melissopalynology. Annual Meeting of the American Association of Stratigraphic Palynologists. October 1995.
- 1994 Preliminary Analysis of Fossil Pollen in Terebinth Resin from Uluburun. Annual Meeting of the American Association of Stratigraphic Palynologists. October 1994
- 1994 Paleoethnobotanical Techniques in Archaeology. 33rd Annual Meeting of the Manitoba Archaeological Society. September 1994.
- 1994 Host Plant Feeding Range and Migratory Activities of Adult *Helicoverpa zea* as determined by attached pollen. XXIX Congreso Nacional de Entomologia and Southwestern Branch of the Entomological Society of America (joint meeting). Monterrey, Mexico, April 1994
- 1993 Entomopalynological Techniques used in the Search for Migratory and Feeding Habits of Adult Corn Earworm, Celery Looper, and Cabbage Looper Moths. 26th Annual Meeting of the American Association of Stratigraphic Palynologists. October 1993.
- 1993 A Determination of Adult Feeding Host Range and Long Distance Migration Patterns of Corn Earworm, Cabbage Looper, and Celery Looper Moths Utilizing Scanning Electron Microscopy. (Poster presentation; with P. Lingren, J. Raulston, M. Pendleton, and J. Westbrook). Annual meeting of the Society for Electron Microscopy. Galveston, March 1993
- 1993 Forensic Palynology: Applications in Criminal Investigations. Two-day workshop presented at the McCrone Institute, Chicago. March 1993.
- 1992 Callen's Legacy. International Conference on Paleonutrition and Diet, Southern Illinois University, Carbondale. March 1992.
- 1991 Fossil Pollen Used to Identify Forest Clearing and Maya Agriculture in Belize, Central America. Annual meeting of the American Association of Stratigraphic Palynologists. October 1991.
- 1990 Melissopalynology in the United States. Annual meeting of the American Association of Stratigraphic Palynologists. Calgary, Canada. October 1990.
- 1990 Applications of Forensic Palynology in the Investigation of Homicides. Annual meeting of the Southwest Homicide Investigators. November 1990.
- 1990 Dietary Analysis of the Archaic Foragers of Southern North America. Annual meeting of the Society

- for American Archaeology, April 1990.
- 1989 The Role of Palynology in Entomological Research. Annual meeting of the American Association of Stratigraphic Palynologists. October 1989.
- 1989 Paleonutrition: The Necessary Integration of Disciplines. Society for American Archaeology, April 1989.
- 1989 Forensic Palynology in the United States. Annual meeting of the American Association of Stratigraphic Palynologists. October 1989.
- 1988 Pollen Preservation under Different Lithological Conditions. Seventh International Palynological Congress, (Brisbane, Australia). August 1988.
- 1988 Fossil and Modern Pollen Degradation and Dispersion in West Texas. Annual meeting of the American Association of Stratigraphic Palynologists. October 1988.
- 1988 What Palynology has to offer Phytolith Research. Third Annual Conference on Phytolith Research. January 1988.
- 1987 Archaeological Significance of Fossil Pollen from the American West. American Association of Stratigraphic Palynologists. (Halifax, Canada). October 1987.
- 1986 Statistical Analysis of Pollen Records from Bonfire Shelter and other Sites in the Lower Pecos Region of Texas. American Association of Stratigraphic Palynologists. October 1986.
- 1986 Pollen Analysis of Bonfire Shelter: Val Verde County, Texas, Society for American Archaeology. May 1986.
- 1984 Ethnobotany and Archaeology in the American Southwest. Society for Economic Botany. July 1984.
- 1978 Palynology: A Useful Archaeological Technique at Antelope House, Arizona. American Association of Stratigraphic Palynologists, October 1978.
- 1977 Late Quaternary Pollen Records from Southwest Texas. Society for American Archeology, May 1977.
- 1976 Archeological Palynology. American Association of Stratigraphic Palynologists, (Halifax, Canada). October 1976.
- 1976 Prehistoric Food Preparation Techniques. Society for American Archeology, May 1976.
- 1975 Prehistoric Mexican Diets: A 10,000-year Record from Northern Mexico. Reunion sobre Aspectos de Arqueologia e Historia del Noreste Mexico, (Monterrey, Mexico). April 1975.
- 1972 Human Coprolites from Pikimachay, Peru. Robert S. Peabody Foundation for Archaeology International Conference on Peruvian Archaeology, October 1972.
- 1971 Preparation of Modern Palynomorphs for Scanning Electron Microscopy by the Critical Point Drying Method. American Association of Stratigraphic Palynologists, October 1971.
- 1970 Pollen Analysis of Prehistoric Human Coprolites from Texas. Society for American Archaeology, (Mexico City, Mexico). May 1970.
- 1969 Prehistoric Diet and Man in Southwest Texas. Society for American Archaeology, April 1969.
- 1968 Paleoenvironment and Man in the Amistad Reservoir Area of Southwest Texas. American Association for the Advancement of Science, September 1968.
- 1967 Late Quaternary Vegetation and Climate in the Amistad Reservoir Area of Texas. Geological Society of America, April 1967.

#### **APPOINTED POSITIONS**

- 2000-current Board of Advisors, Useful Wild Plants, Inc., Austin, Texas.
- 2003 Consulting Editor, *Odyssey Magazine* (January 2004 issue).
- 2000-2002 Director, Center for Ecological Archaeology, Texas A&M University
- 1998-2004 Member of the American Association of Stratigraphic Palynologists Awards Committee.
- 1998-2000. Delegate to the International Federation of Palynological Societies. Appointment by the AASP Board of Directors.
- 1987-2009 Member of the Editorial Board for the journal NORTH AMERICAN ARCHAEOLOGIST. Appointment by the North American Archaeology Society Board of Directors.
- 1990-2010 Appointed Secretary and Trustee on the Board of Directors of the American Association of Stratigraphic Palynologists Foundation. This is a ten-year appointment by the AASP Board of Directors.



- 1996-2000 Member of the four-person Advisory Editorial Board for the book: "Archaeological Method and Theory: An Encyclopedia," GARLAND PUBLISHING COMPANY.
- 1998-2010 Appointed to the twelve-person Editorial Board for ANNUAL EDITIONS: ANTHROPOLOGY. Dushkin/McGraw-Hill Publishing Company.
- 1988-2000 INQUA representatives, representing the Society for American Archaeology, appointed by The SAA Board of Directors.
- 1992-1996 Convention Committee Co-Chair, IX International Palynological Congress (Houston, Texas, June, 1996), Appointment by the IFPS Board of Directors.
- 1992-1996 Delegate to the International Federation of Palynological Societies. Appointment by the AASP Board of Directors.
- 1994 Convention Committee Chair, Annual Meeting of the American Association of Stratigraphic Palynologists (College Station, Texas) Appointment by the AASP Board of Directors.
- 1993 Appointed as a member of the Program Committee for the 58<sup>th</sup> Society for American Archaeology Annual Meeting (St. Louis), appointed by the Board of Directors of the SAA.
- 1990-1992 Vice Chairman, Texas A&M Faculty of Ecology and Environmental Sciences Executive Committee, elected by the faculty.
- 1990-1992 Member of the Selection Committee responsible for finding a new Director and Endowed Chair Holder (LSU campus), Center for Excellence in Palynology, Appointment by the AASP Board of Directors.
- 1990-1996 Trustee and Board Member of The Useful Native Plants of Texas, Inc., Appointment by the UNPT Board of Directors.
- 1988 Convention Committee Chair, Annual Meeting of the American Association of Stratigraphic Palynologists (Houston, Texas), Appointment by the AASP Board of Directors.
- 1986-1988 Chair, Public Relations Committee, American Association of Stratigraphic Palynologists, Appointment by the AASP Board of Directors.
- 1986-1996 Member of the State of Texas Commission charged with determining the formula funding recommendation for the Texas Legislature and the Texas Administration of Higher Education, Appointment by the Chair of the Coordination Board for the Colleges and Universities of the State of Texas.
- 1980-1998 Appointed to the Texas A&M University Press Faculty Advisory Board.

#### ***WORKSHOPS OR SHORT COURSES ORGANIZED AND PRESENTED***

- 1999 Forensic Palynology: A new way to protect endangered plant and animal species. One-day workshop presented at the University of Wyoming. Laramie, Wyoming. October 1999.
- 1994 Palynology and the Future. One-half day workshop presented at the 27<sup>th</sup> Annual Meeting of the American Association of Stratigraphic Palynologists. College Station, Texas.
- 1994 Forensic Palynology. One-half day workshop presented at the Conference on Homicide Investigation. Dallas, Texas.
- 1993 Forensic Palynology. Two-day workshop presented at the McCrone Institute in Chicago, Illinois.
- 1992 Forensic Palynology. Two-day workshop presented at the McCrone Institute in Chicago, Illinois.
- 1991 Forensic Palynology. Two-day workshop presented at the McCrone Institute in Chicago, Illinois.
- 1990 Forensics and the Role of Pollen in Detective Work. One-half day workshop presented at the Fifth Annual Meeting of Southwestern Homicide Investigators. El Paso, Texas.
- 1989 Forensics and Pollen. Five-day short-course and workshop held for members of the U.S. Customs Agency. College Station, Texas.

#### ***FUNDED GRANTS AND CONTRACTS***

- 2011 US Customs ongoing contract forensic work \$22,500
- 2009-20011 Forensic grant from the CIA \$250,000
- 2008 Forensic grant from the Federal Government \$100,000
- 2007 Stoney Forensics (ongoing funding for forensic projects)
- 2007 Stoney Forensics (ongoing funding for forensic projects)

- 2006 Stoney Forensics (ongoing funding for forensic projects)
- 2005 Stoney Forensics (ongoing funding for forensic projects)
- 2004- Stoney Forensics (ongoing funding for forensic projects)
- 2001 Jefferson County, Texas School District: Development of a Virtual Apiary Field Trip Web Site (\$12,000).
- 2000 Texas A&M University: Research Development Leave (funded for summer and fall months).
- 2000 State of Texas: Developing a Pollen/Spore Database for Scientific Analyses (\$25,000).
- 1999 State of West Virginia: Forensic pollen studies of domestic honey from West Virginia (\$2,300).
- 1998 Dames & Moore: for late-Quaternary pollen research in New York state (\$12,500).
- 1997 Texas Historical Commission: for fossil pollen research of the *La Belle* (\$4,500).
- 1995 University of New Mexico: for archaeological pollen research (\$7,200).
- 1993 United States Department of Agriculture: for entomopalynology research (\$2,000)
- 1992 United States Department of Agriculture: for entomopalynology research (\$4,500)
- 1992 National Honey Board, (1992-1996): melissopalynology of U.S. domestic honey (\$57,800)
- 1990 National Science Foundation: funds for one of my graduate student's dissertation research in palynology and prehistoric diet reconstruction (\$7,630)
- 1990 United States Department of Agriculture: for entomopalynology research (\$4,000)
- 1989 United States Customs Agency: for forensic palynology research (\$5,000)
- 1988 United States Department of Agriculture: for entomopalynology research (\$4,000)
- 1986 New Mexico State University: for archaeological palynology research (\$40,000)
- 1987 National Science Foundation: funds for one of my graduate student's dissertation research in palynology (\$6,800)
- 1987 United States Department of Agriculture: for entomopalynology research (\$4,000)
- 1986 United States Department of Agriculture: for entomopalynology research (\$2,600)
- 1985 Honeytech, Inc: for melissopalynology research (\$6,800)
- 1981 Texas Highway Department: for archaeological, paleoethnobotanical, and palynology research (\$64,000)
- 1980 U.S. Army Corps of Engineers: for archaeological, paleoethnobotanical, and palynology research (\$71,000)
- 1978 U.S. Forest Service: for archaeology research (\$17,000)
- 1977 National Science Foundation: for archaeological and botanical research of Hinds Cave, including palynology (\$68,000)
- 1976 National Science Foundation: for archaeological and botanical research of Hinds Cave, including palynology (\$56,000)
- 1976 Texas Parks and Wildlife: for archaeological research (\$12,000)
- 1976 National Parks Services: for archaeological research (\$32,500)
- 1976 U.S. Army Corps of Engineers: for archaeological research (\$72,000)
- 1975 National Geographic Society: for archaeological and palynological research (\$5,600)
- 1974 Texas A&M Research Council: for palynology research (\$3,500)
- 1973 Texas A&M College of Liberal Arts: for palynology research (\$5,600)
- 1973 National Science Foundation: for paleoenvironmental studies using palynology (\$35,800)
- 1973 Texas A&M Research Council: for palynology research (\$14,000)
- 1968 National Science Foundation Research Development Grant: Texas Pollen Studies (\$4,800)
- 1967 National Science Foundation Systematic and Environmental Biology Research Grant: Reconstruction of Late-Quaternary Environments in Texas using palynology (\$4,500)

*Cultural Affairs Committee*  
*and*  
*Distinguished Lecture Series*  
*c/o Wanda Madden-Carr*  
*200 Alumni Hall*  
*University of Maine*

---

May 10, 2012

To: Kristin Sobolik

From: Melissa Mayard & Dan Sandweiss, Co-Chairs

On behalf of the Cultural Affairs Committee and Distinguished Lecture Series, it gives us great pleasure to inform you that your proposal, Vaughn Bryant Lecture, has been awarded \$600.00.

Please contact Wanda Madden-Carr at 1-1516 to discuss the procedures in place for the submission of financial expenses related to this award at your earliest convenience.

The following acknowledgement is required on ALL promotional material: ***This event was supported in part by a grant from the Cultural Affairs/Distinguished Lecture Series.***

Attached is a form for your use to summarize the benefits derived from this grant. This form should be submitted within 30 days after the conclusion of the event. Timely submission of your summary will be considered as part of any future funding requests.

The Cultural Affairs Committee members congratulate you and wish you much success on this project.

cc: Betty Lee