

John S. Justeson

ACADEMIC POSITIONS

The University at Albany, Department of Anthropology: Albany, New York

Professor: May 2002–present

Associate Professor: September 1990–May 2002

University of Pittsburgh, Department of Anthropology: Pittsburgh, Pennsylvania

Visiting Associate Research Professor: September 1996–August 1997

IBM T. J. Watson Research Center, Department of Artificial Intelligence: Yorktown Heights, New York

Postdoctoral Fellow, Lexical Systems Project: September 1988–August 1990

[corpus analysis and automated word sense disambiguation]

Vassar College, Department of Anthropology: Poughkeepsie, New York

Adjunct Assistant Professor: September 1984–August 1986

[research position, funded by a grant from the National Science Foundation]

Dumbarton Oaks, Trustees for Harvard University: Washington, D.C.

Postdoctoral Fellow in Pre-Columbian Studies: September 1981–May 1982;

September 2010 – May 2011 [sabbatical leave from the University of South Carolina]

University of South Carolina, Department of Anthropology: Columbia, South Carolina

Assistant Professor: January, 1978–December, 1980 [resigned to relocate upon marriage]

Instructor: August, 1976–December, 1977

Yale University, Department of Anthropology: New Haven, Connecticut

Tinker Foundation Postdoctoral Fellow, in historical linguistics: September, 1978–August,

1979 [on leave from the University of South Carolina]

EDUCATION

Stanford University: September, 1972–August, 1976; September 1986–August 1988

M.S. in Computer Science (artificial intelligence, computational linguistics):

September, 1988

Ph.D. in Anthropology (archaeology, linguistics): September, 1978

Dissertation: *Mayan scribal practice in the Classic period: a test-case of an explanatory approach to the study of writing systems*. Ann Arbor: University Microfilms.

[available on ResearchGate]

M.A. in Anthropology: June, 1974

University of California, Berkeley: September, 1968–June, 1972

B.A. in Anthropology and Probability Theory: June, 1972

RESEARCH INTERESTS

Topical: evolution and adaptation in the organization of information processing

Writing systems: decipherment; theories of representational structure; co-evolution of representational conventions; uses, social contexts, and transmission of writing

Symbolic dimensions of material culture: artifact style, art and culture, archaeoastronomy

Language: language history and cultural prehistory; language adaptation; histories of indigenous Mesoamerican languages; language documentation

Cultural/Areal: prehistory, language history, writing systems

Mesoamerica: Mayan, Mixe-Zoquean, Xochicalco, Zapotec

[epigraphy; language history; calendar systems; astronomical models and practices]

Near East: Sumerian, Elamite; Old Persian, Hittite, Meroitic

[epigraphy; evolution of writing; linguistic structure]

Mediterranean: Iberian, Minoan (Linear A), Mycenaean (Linear B), Old Norse

[evolution of writing systems]

India/Pakistan: devanagari family, Indus script; Dravidian, Indo-Iranian [epigraphy, language history]

Methodological interests: computational and probabilistic modelling; adaptive networks and

machine learning; decipherment

TEACHING

current (SUNY at Albany, 1990–present, in order of frequency; courses without numbers have always been taught as Topics courses):

Sumerian I		19x
Sp07, Sp08, Fa08, Sp09, Fa09, Sp10, Fa11, Sp12, Sp13, Fa13, Sp14, Sp15, Fa15, Sp16, Fa16, Sp17, Sp19, Sp20, Fa20		
Sumerian II		14x
Sp08, Fa08, Sp09, Fa09, Sp10, Fa11, Sp12, Fa12, Fa13, Sp14, Fa14, Sp16, Fa17, Fa19		
ANT 197/124Z/124H Lost Languages and Ancient Scripts [problem-solving seminar]		17x
Fa95, Fa97, Fa98, Fa99, Fa00, Fa01, Fa02, Fa04, Fa06, Sp08, Fa08, Fa09, Fa12, Fa13, Fa15, Fa16, Fa19		
ANT 434/534, 634 Mesoamerican Writing Systems		16x
Fa93, Sp95, Sp96, Fa97, Fa99, Fa01, Sp02, Fa04, Sp07, Sp08, Sp09, Sp12, Fa13, Sp16, Fa17, Sp20		
ANT 506 Proseminar in Linguistic Anthropology		14x
Fa90, Sp92, Sp93, Sp98, Sp99, Sp02, Sp03, Sp06, Sp07, Sp08, Sp12, Sp14, Sp17, Sp20		
LIN 423/523 Linguistic Structures	Fa90, Fa91, Sp99, Sp10, Sp13, Sp14, Sp15	7x
Mesoamerican Languages (as ANT 528)	Fa90, Fa91	
Structures of Oto-Manguean Languages	Sp99, Sp10	
Structures of Mayan and Mixe-Zoquean Languages	Sp13	
Structures of Mayan Languages	Sp14	
Structures of Mayan and Oto-Manguean Languages	Sp15	
ANT/LIN 220 Introduction to Linguistics	Fa11, Fa12, Fa14, Fa15, Fa16, Fa18, Sp19	7x
ANT 325 Sociolinguistics	Sp00, Sp05, Sp09, Fa11, Sp16, Fa19	6x
ANT 425/525 Comparative and Historical Linguistics	Sp91, Fa94, Sp98, Fa14, Fa18	5x
ANT 600 Quantitative Methods in Anthropology	Sp91, Fa91, Fa92, Fa95, Fa02	5x
Language and Prehistory	Fa92, Sp94, Sp96, Sp00, Fa07	5x
ANT 221/106 Introduction to Linguistic Anthropology (as ANT 221H:	Sp94 (2 sections), Sp95, Sp96 Sp94)	4x
ANT 571 Mesoamerican Language Instruction	Fa94, Fa95, (Sp98), Sp99	4x
Computational Linguistics	Sp91, Fa01, Sp10	3x
ANT 582 Practicum in College Teaching	Sp99, Sp09, Fa10	3x
ANT 424 Language and Culture	Sp06, Fa07, Sp15	3x
LIN 301 Introduction to Cognitive Science	Sp01, Sp05	2x
ANT 160 Symbol and Human Nature	Sp93, Fa93	2x
LIN 429/529 Linguistic Field Methods	Fa17	1x
ANT 497 Senior Seminar in Anthropology	Sp17	1x
ANT 624 Mesoamerican Language and Culture	Fa04	1x
Introduction to Middle Egyptian	Fa20	1x
Philosophy of Language & Cognition	Sp20	1x
Structure of Indo-European	Sp20	1x
Sanskrit I	Sp20	1x
Cypriot epigraphy	Fa02	1x
Linguistic Reconstruction	Fa00	1x
Undeciphered Scripts	Fa98	1x

previous (University of South Carolina, 1976–81)

Mesoamerican prehistory; archaeological field school; archaeological method and theory; introduction to archaeology and physical anthropology; mathematical modelling in archaeology; rise and fall of civilizations; language and prehistory

adjunct teaching

Rutgers, Fall 1983: Quantitative Methods in Archaeology (mostly statistics)

SUNY New Paltz, Fall 1982, Spring 1983: College Algebra

FIELD WORK

Linguistic:

- 1994–2010 Co-director, Project for the Documentation of the Languages of Meso-America, for field work on 32 indigenous Mexican languages (4 Mixean, 6 Zoquean; 4 Nahuatl; 2 Matlatzincan; 9 Zapotec, 2 Chatino; 2 Mayan; 1 Totonac, 1 Tepehua, 1 Chochoan). Main field headquarters: Catemaco, Veracruz, Mexico. Set-up of project in field and orientation/training of linguists. Computer programming and advanced ascii editing to restructure databases, locate missing / inconsistent data, produce dictionaries from databases (according to different criteria, for dissemination to speakers for feedback, for online access, and for hardcopy publication. Compilation of cognate sets from databases.
- 1995: Text collection and transcription, ethonobotany, and kinship vocabulary of Santa María Chimalapa Zoque; kinship terms and cognates to epi-Olmec vocabulary in Zoque of Copainalá, Chiapas.
- 1993, 1994, 1996, 1997, 2003, 2005, 2006 Documentation of epi-Olmec and Zapotec hieroglyphic inscriptions
- 1993 Sierra Popoluca (Sotapan Gulf Zoquean) language of Sotapan, Veracruz. Ethnobiology, kinship terminology, ethnomedicine, ethnoastronomy, epi-Olmec. Field headquarters: Fortín, Veracruz, Mexico. 2 months.
- 1979 Yokot'an (Chontal Mayan) of Benito Juárez (San Carlos), Tabasco, Mexico. Vocabulary elicitation for proto-Cholan reconstruction. Month of January.
- 1973–4 Proyecto Arqueológico Yaxhá: Yaxhá, El Petén, Guatemala. Documenting hieroglyphic inscriptions on monuments. Nicholas M. Hellmuth, director. June 1973–July 1973; July 1974–August 1974.

Archaeological:

- 2011 Archival work and interviewing to reconstruct part of late 19th century artifact recovery around Tres Zapotes, Veracruz. With Ponciano Ortiz, Christopher Pool, and María del Carmen Rodríguez.
- 1980 Wateree Valley Archaeological Project: Camden, South Carolina. Co-director, with Stanton W. Green. June 1980–July 1980.
- 1973 Stanford Prehistoric Regionalization Project: Guanajuato, Guanajuato, Mexico. Survey and mapping. July 1973–August 1973.
- 1973 Cozumel Archaeological Project: San Miguel, Cozumel, Mexico. Excavation. William L. Rathje[†] and Jeremy A. Sabloff, directors. April 1973–June 1973.
- 1971 Southwest Archaeological Expedition: Vernon, Arizona. Excavation. Paul S. Martin, director. June 1971–August 1971.

POSTDOCTORAL FELLOWSHIPS AND EXTERNAL GRANTS

Dumbarton Oaks, Postdoctoral Fellow in Pre-Columbian Studies, Washington, D.C.

2010–2011: epi-Olmec decipherment

1981–1982: comparative problems in writing systems, with special reference to Mesoamerican hieroglyphic writing.

John Simon Guggenheim Foundation Fellowship, 2003–2004. Linguistics (epi-Olmec decipherment)

National Science Foundation, 1996–1997: Sabbatical stipend support (part of NSF research grant, 1995–1998); see *External Research Grants*, below)

IBM T.J. Watson Research Center, Department of Artificial Intelligence. Joint study contract, IBM Research and University at Albany: Computational research on word sense disambiguation and corpus analysis, with Slava Katz. Principal investigator. 1990–1994. \$13,000.

IBM T.J. Watson Research Center, Department of Artificial Intelligence. Lexical Systems Group. Postdoctoral Fellow, 1988–1990. \$110,000.

Tinker Foundation Postdoctoral Fellowship. Reconstructing proto-Ch'olan vocabulary, to assist in identifying the language of Classic Mayan hieroglyphic texts; Floyd Lounsbury, supervisor. 1978–1979

EXTERNAL RESEARCH FUNDING (Total: ≈ \$2,500,000)

National Science Foundation, Department of Linguistics.

Mixe-Zoquean and Zapotecan documentation and comparative linguistics. Grant for lexical documentation of all Mixe-Zoquean languages and 11 Zapotecan languages, and epi-Olmec and Zapotec hieroglyphic documentation and decipherment. Co-principal investigator with Terrence Kaufman. 1995–98. \$380,000. 1998–2001, \$464,098. REU supplements, 1997, \$5,000; 1998, \$5,106; 1999, \$5,670. Supplement 2000, \$7056. Total: **\$901,580.**

The early evolution of Mayan hieroglyphic writing. Analyzing the introduction of grammatical and phonetic representation in Mayan writing; with Peter Mathews. Principal investigator. 1985–86. **\$34,650.**

Instituto Nacional de Lenguas Indígenas (Federal agency of the republic of Mexico) 2007–2010.

Language documentation in Meso-America. Grant for (a) completion of lexical documentation of 23 languages, and continuation of the documentation of 2 languages, by the Project for the Documentation of the Languages of Meso-America, summers 2007–2010; (b) completion of dictionaries for 23 languages documented by the PDLMA; (c) dialect survey of 100 forms of Zapotecan (Zapotec and Chatino) speech. Terrence Kaufman, John Justeson, and Roberto Zavala Maldonado, co-directors of PDLMA. 10,000,000 Mexican pesos (≈ **\$800,000–\$950,000**).

Foundation for the Advancement of Mesoamerican Studies, Inc. 2006. Completing the lexical documentation of Lakantun Mayan. Support for linguistic field work by Henrik Bergqvist for the Project for the Documentation of the Languages of Meso-America, summer 2007. \$10,000. Declined after Bergqvist was unable to come to the field.

Foundation for the Advancement of Mesoamerican Studies, Inc. *A Preliminary Mayan Etymological Dictionary.* Databasing comparative vocabulary collections made by or for Terrence Kaufman in 1970–1971, and compiling Mayan etymologies from them. 2002–2003: **\$12,000.**

Heinz Grant Program Latin American Archaeology, 2006. Completing the photographic documentation of epi-Olmec hieroglyphic inscriptions. **\$1,537.**

Salus Mundi Foundation. *Language documentation in Meso-America.* Grant for lexical documentation of 10 (all) Mixe-Zoquean languages and 11 Zapotecan languages; 3 Totonacan languages; 2 Matlatzincan languages; 1 Chochoan language; 4 forms of Nahua; grammars of 21 of these languages; a preliminary Mayan etymological dictionary; recording epi-Olmec and Zapotec hieroglyphic texts, and decipherment work on them. Co-principal investigator with Terrence Kaufman. Award for 2001–2002: \$250,000; award for 2002–2004: \$250,000. Award for 2005: \$100,000. Total: **\$600,000.**

National Geographic Society. *Grant for research on epi-Olmec decipherment and for linguistic field work on Mixe-Zoquean languages.* Co-principal investigator, with Terrence Kaufman. 1993. \$14,696. *Mesoamerican language documentation and culture history.* Grant for lexical documentation of Matlatzincan, Zapotecan, Nahuatl, and Totonacan languages, toward linguistic reconstruction of aspects of Mesoamerican culture history. Co-principal investigator with Terrence Kaufman. 1997 season, \$24,000; 1998 season, \$20,000; 1999 season, \$25,000. Grant for lexical documentation of Mixe-Zoquean languages (NSF project supplement), 1995 season, \$21,990. Total: **\$105,686.**

INTERNAL UNIVERSITY GRANTS TO FACULTY (total: \$17,565)

University at Albany Excellence in Research Award. May, 2002.

Faculty Research Awards Program.

Grant for preparation of graphical database for Indus Valley decipherment work; primarily supports drawing of selected Indus texts by graduate research assistant. Principal investigator. 2000–01. **\$4,000.**

Grant for lexical documentation of Sierra Popoluca and other Mixe-Zoquean languages. Principal investigator. 1993–94. **\$9,965.**

Research Foundation of the University at Albany, and the College of Arts and Sciences:

Grant for epigraphic documentation of the inscription on La Mojarra Stela 1. Night examination and drawing of the text, assisted by David Mora-Marín. June 1997, 9 days. **\$1,600.**

Faculty Professional Development Program, 2007–2008, 2009–2010: Partial reimbursement of expenses for study of Sumerian language at Cornell University, preparatory to teaching of Sumerian (UAlbany enrollments, 2007–present: 69 undergraduates, 36 graduate students). **\$2,000.**

University of South Carolina. Grant for summer research, archival work on Micmac language and hieroglyphic writing, Bibliotheque Nationale, Paris, 1980. **\$1,000.**

PRE-DOCTORAL GRANTS AND FELLOWSHIPS

Dean's grant for special research project, Stanford University (with James A. Fox). \$700.

National Science Foundation Graduate Fellowship, Anthropology. 1973–76. \$10,800.

Sigma Xi, the Scientific Research Society of North America, 1974

Latin American Studies Association grant for summer research, 1973. \$900.

HONORS

Honorable Mention, National Science Foundation Graduate Fellowship competition in Mathematics, 1972.

Honors in Anthropology, University of California, Berkeley, 1972

Honor Student, all quarters, University of California, Berkeley; 1968–72

Honors Calculus sequence, University of California, Berkeley, 1968–70

National Merit Scholarship, 1968–72. \$1,000.

Phi Beta Kappa, University of California, Berkeley chapter. 1972

Memberships in Professional and Honorary Societies (during 1990–2018; not all concurrent)

American Anthropological Association; American Oriental Society; Archaeological Institute of America; Association for Computational Linguistics; International Society for Astronomy and Archaeoastronomy in Culture; Linguistic Society of America; Phi Beta Kappa; Sigma Xi, the Scientific Research Society of North America; Society for American Archaeology; Society for Linguistic Anthropology; Society for the Study of the Indigenous Languages of the Americas

SERVICE**External promotion reviews**

Tenure and promotion: Fall 2015

Promotion to full professor: Spring, 1987; Fall 2015 (2 cases)

Professional organizations

American Institute of Archaeology: President of Albany chapter, 2014 – present

University at Albany

Committee on Academic Standing, 1990–1992

University Grievance Committee 1994–1995 (or so)

College of Arts and Sciences Tenure and Promotion Committee, 2011–2013

College of Arts and Sciences Academic Council; Faculty Planning Committee, Spring 2016

Department of Anthropology

Interim chair, Department of Anthropology, Fall 2006

Associate Chair, Fall 2018–present

Graduate Affairs Committee: chair, 2000–2003; member, 1997–2000, 2012–2017

Self-study committee, co-chair: 2011–2012

Tenure/promotion case responsibilities:

Research, 2007–2008, 2014–2015 (Walter Little); 2019–2020 (Robert Rosenswig)

Teaching, 2014–2015 (Adam Gordon);

student evaluations only (SIRFs), 1997, 2004, 2006–2008, 2010, 2011, 2013, 2018–2019

Service, 2004–2005, 2007–2008

Faculty search committees:

Syntax of indigenous Mesoamerican or North American languages, 2014–2015

Mayan archaeology, 1995–1996; North American archaeology, 2000–2001

Human Biology lectureship, 2012–2013

Awards committee: occasional

Northeast Mesoamerican Epigraphy Group (founder and organizer).

leading figures make presentations of ongoing research, usually 2–3 hours each.

met monthly during academic year, 1994–2003; irregularly, 2003–2010, 2014

Institute for Mesoamerican Studies (IMS)

Director, Fall 2008–Fall 2009; board member, 1990–present

United University Professions

Part-line Concerns Committee: 2009–2010; 2012–2013

Dissertation Committees

Chair or Co-Chair: David Mora-Marín (2001), Jennifer Loughmiller-Cardinal (2012),

Rebecca Dinkel (in progress)

Committee Member: Nancy Forand (2001), Jinsook Choi (2003), Edgar Martín del Campo (2006),

Yu-Tsing Cheng (2008), Lachlan Duncan (2010), Kosuke Matsukawa (2012),

Elizabeth Paris (2012), Marx Navarro Castillo (2014), Jason Paling (2016),

Crystal Sheedy (2019),

External Reader/Evaluator (La Trobe University): Peter Biro (2008),

Sylvia Whitmore (2013)

Peer reviewing

Grants: American Council of Learned Societies; Foundation for the Advancement of Mesoamerican Studies, Inc.; National Endowment for the Humanities, National Science Foundation, SUNY Benevolent Society, SUNY Institute for Mesoamerican Studies DeCormier Fellowships

Journals: American Anthropologist, American Antiquity, Ancient Mesoamerica, Current Anthropology, Journal for the History of Astronomy, Journal of Anthropological Research, Journal of Latin American Anthropology, Journal of Mayan Linguistics, Language, Latin American Antiquity, Science, Transactions of the Philological Society

University Presses: Middle American Research Institute, Research Reports on Ancient Maya Writing, University of California Press, University of Oklahoma Press, University of Pennsylvania Press, University of Texas Press, Yale University Publications in Anthropology

Other: Archaeoastronomy, Contributions to Mayan Hieroglyphic Decipherment

Mentoring: Woodrow Wilson Career Enhancement Fellowship Program (for minority junior faculty); served (nominally) as mentor for Javier Urcid Serrano

Presentations to elementary schools

Hagan Elementary School, Poughkeepsie NY(1993); Las Palmas Elementary School, San Clemente, Calif. (2004); Garrison Elementary School, Garrison NY (2010)

PUBLICATIONS (83; *h*-index 23)

[* marks publications available on ResearchGate]

In general, in my co-authored publications the contributions of all authors are effectively equal, regardless of authorship order – which sometimes alternates in publications with Terrence Kaufman and David Tavárez without reflecting our relative contributions. In cases when one or more authors had a clearly greater contribution, the name of the senior author(s) is/are highlighted in bold type. Estimated word counts are provided for unusually long articles (“near monograph length”) that would occupy 50 pages or more in standard university press formats (around 350 words per page).

BOOK-LENGTH INTERNET PUBLICATION (1)

2003 A Preliminary Mayan Etymological Dictionary (**Terrence Kaufman** with the assistance of John Justeson). 1565 pages. <http://www.famsi.org/reports/01051/index.html>

MONOGRAPHS (2)

- *2001 *Epi-Olmec Hieroglyphic Writing and Texts*. (Terrence Kaufman and John Justeson). Part Three of Notebook for the XXVth Maya Hieroglyphic Forum at Texas. Austin: University of Texas. Posted at the PDLMA section of the Institute for Mesoamerican Studies website (https://www.albany.edu/ims/PDLMA_publications_new.html). 99pp.
- 1985 *The Foreign Impact on Lowland Mayan Language and Script* (**John Justeson, William M. Norman**, Lyle Campbell, and Terrence Kaufman). Middle American Research Institute Publication 53. Tulane University: New Orleans.

EDITED BOOKS (1)

- 1984 *Phoneticism in Mayan Hieroglyphic Writing* (John Justeson and Lyle Campbell, editors). Institute for Mesoamerican Studies, Publication 9. Albany: State University of New York. [Reprinted with a new introduction, 1996]

DICTIONARIES (10) of the Project for the Documentation of the Languages of Mesoamerica
(all manuscripts edited by Justeson; returned the Instituto Nacional de Lenguas Indígenas [INALI]
March–June 2014)

all in press

- Diccionario de la lengua zoqueana del golfo de Ayapa, Tabasco / Dictionary of Ayapa Gulf Sokean* (Daniel F. Suslak). Instituto Nacional de Lenguas Indígenas: Mexico City. 845 pp.
- Diccionario de Yokot'an / Yokot'an (Chontal Mayan) Dictionary* (Bradley Montgomery-Anderson). Instituto Nacional de Lenguas Indígenas: Mexico City. 991pp.
- Diccionario de la lengua chatina de Zenzontepec / Zenzontepec Chatino Dictionary* (Eric Campbell). Instituto Nacional de Lenguas Indígenas: Mexico City. 931pp.
- Diccionario de la lengua na:wat de Tacuapan, Puebla / Tacuapan Nahuatl Dictionary* (Una Canger). Instituto Nacional de Lenguas Indígenas: Mexico City. 1217pp.
- Diccionario de la lengua mijeana de Oluta, Veracruz / Dictionary of Oluta Mijeana* (Roberto Zavala Maldonado). Instituto Nacional de Lenguas Indígenas: Mexico City. 880 pp.
- Diccionario de la nahuat de Pajapan, Veracruz / Pajapan Nahuatl Dictionary* (Valentín Peralta). Instituto Nacional de Lenguas Indígenas: Mexico City. 1311pp.
- Diccionario colonial de la lengua zoque de Tecpatán, Chiapas / Dictionary of colonial Soke of Tecpatán, Chiapas* (Roberto Zavala Maldonado). Instituto Nacional de Lenguas Indígenas: Mexico City. 1159pp.
- Diccionario de la lengua chatina de Yaitepec / Yaitepec Chatino Dictionary* (Jeffrey Rasch). Instituto Nacional de Lenguas Indígenas: Mexico City. 618pp.

Diccionario de la lengua zoque de Santa María Chimalapa / Dictionary of Santa María Chimalapa Soke (Terrence Kaufman, with the assistance of Loretta O'Connor). Instituto Nacional de Lenguas Indígenas: Mexico City. 2205pp.

Diccionario de la lengua zoque de San Miguel Chimalapa / Dictionary of San Miguel Chimalapa Soke (Terrence Kaufman and Heidi Anne Johnson). Instituto Nacional de Lenguas Indígenas: Mexico City. 1874pp.

Trilingual editions of these and at least 7 other dictionaries will also be disseminated online at the website of the University at Albany's Institute for Mesoamerican Studies, in pdf and xml format, and will be searchable using a search facility of Justeson's design that permits retrieval of entries fitting the user's choice of constraints on all accessible fields in the databases, at www.albany.edu/ims.

PEER-REVIEWED JOURNAL ARTICLES (25)

- *2017 A cyclic-time model for the structure of the eclipse table of the Dresden Codex. *Ancient Mesoamerica* **28**(2):507–541 (~ 30,800 words) [correction to Table 3, **29**(1):245–246]
- *2009 Historical linguistics and pre-Columbian Mesoamerica. *Ancient Mesoamerica* **20**(2): 221–231. (Terrence Kaufman and John Justeson)
- *2008 Eclipse records in a corpus of colonial Zapotec 260-day calendars. *Ancient Mesoamerica* **19**(1): 67–81. (David Tavárez and John Justeson)
- *2007 The history of the word for 'cacao' in ancient Meso-America. *Ancient Mesoamerica* **18**(2):1–46. (Terrence Kaufman and John Justeson) (~ 43,600 words)
[This paper is one of eleven selected from the 646 published over the first 30 years of this journal for *Ancient Mesoamerica*'s "Thirtieth Anniversary Collection"]
- *1997 A newly-discovered column in the hieroglyphic text on La Mojarra Stela 1: a test of the epi-Olmec decipherment. (John Justeson and Terrence Kaufman). *Science* **277**:207-210.
[An extended version appears in *Science Online*, the electronic version of *Science*, at <http://www.sciencemag.org/feature/data/justeson.shl>.]
- 1996 Un desciframiento de la escritura epi-olmeca: métodos y resultados (John Justeson and Terrence Kaufman). *Arqueología* **8** (1992):15-25. [Appeared in the spring of 1996]
- *1995 Principled disambiguation: discriminating adjective senses using modified nouns (John Justeson and Slava Katz). *Computational Linguistics* **21**(1):1–27.
- *1995 Syntax and lexical statistics in anaphora resolution (Ido Dagan, John Justeson, Shalom Lappin, Herbert Leass, and Amnon Ribak). *Journal of Applied Artificial Intelligence* **9**:633–644.
- *1995 Technical terminology: some linguistic properties and an algorithm for identification in text (John Justeson and Slava M. Katz). *Journal of Natural Language Engineering* **1**(1):1–19. [A shorter version of this paper was previously published, under the same title, as a research report of the IBM Research Division, T. J. Watson Research Center (RC 18906), on May 18, 1993.]
- *1993 A decipherment of epi-Olmec hieroglyphic writing (John Justeson and Terrence Kaufman). *Science* **259**:1703–1711.
[*Encyclopedia Britannica* online: "[one of the major intellectual achievements of modern times](#)"]
- *1991–1993 The evolution of syllabaries from alphabets: transmission, language contrast, and script typology (John Justeson and Laurence D. Stephens). *Die Sprache* **35**(1):2–46. (~ 20,500 words)
- *1992 Redefining antonymy: the textual structure of a semantic relation. (John Justeson and Slava M. Katz). *Journal of Literary and Linguistic Computing*. Revised version of paper of the same name in *Using Corpora*, ed. Frank M. Tompa, pp. 138–153. Waterloo, Ontario: University of Waterloo Centre for the New OED and Text Research.
- *1991 Co-occurrences of antonymous adjectives and their contexts (John Justeson and Slava M. Katz) *Computational Linguistics* **17**:1–19.
- *1990 Evolutionary trends in Mesoamerican hieroglyphic writing (John Justeson and Peter Mathews). *Visible Language* **24**(1):88–132. (~ 17,800 words)

- 1990 Method for inferring lexical associations from textual co-occurrences (John Justeson and Slava M. Katz) *IBM Technical Disclosure Bulletin* **33**.1B:54–55.
- *1989 Crosslinguistic generalizations concerning the frication of *w* (John Justeson and Laurence D. Stephens). *International Journal of American Linguistics* **55**:247–254.
- 1988 The non-Maya calendars of Southern Veracruz and Tabasco and the antiquity of the long count and month count. *Journal of Mayan Linguistics* **6**:1–21.
- *1986 The origins of writing systems: Preclassic Mesoamerica. *World Archaeology* **17**:437–458. [“the best-written article I’ve received from an American” – comment by British editor]
- *1985 Hieroglyphic evidence for Lowland Mayan linguistic history. *International Journal of American Linguistics* **51**:469–471.
- *1985 **w* > *y* in Chontal Mayan of Tabasco and generalizations concerning the palatalization of *w*. *International Journal of American Linguistics* **51**:311–327.
- *1984 On the relationship between the numbers of vowels and consonants in phonological systems (John Justeson and Laurence D. Stephens). *Linguistics* **22**:531–545.
- *1983 The seating of the *tun*: further evidence concerning a Late Preclassic Lowland Maya stela cult (John Justeson and Peter Mathews). *American Antiquity* **48**:586–593.
- *1981 Nasal + obstruent clusters in Hittite (John Justeson and Laurence D. Stephens). *Journal of the American Oriental Society* **101**:367–370.
- *1978 Reconstructing “Minoan” phonology: the approach from universals of language and universals of writing systems (**Laurence D. Stephens** and John Justeson). *Transactions of the American Philological Association* **108**:271–284.
- *1973 Limitations of archaeological inference: an information-theoretic approach with applications in methodology. *American Antiquity* **38**:131–149.

PEER-REVIEWED CHAPTERS IN EDITED BOOKS AND MONOGRAPH SERIES (10)

- *2015 Modelling indigenous Mesoamerican eclipse theory. In Anne Dowd and Susan Milbrath, eds., *Cosmology, Calendars, and Horizon-Based Astronomy in Ancient Mesoamerica*, pp. 301–349. Boulder: University of Colorado Press. (~ 18,500 words)
- 2010 Numerical cognition and the origin of ‘zero’ in Mesoamerica. In Iain Morley and Colin Renfrew, eds., *The Archaeology of Measurement: Comprehending Heaven, Earth and Time in Ancient Societies*, pp. 43–53. Cambridge University Press: Cambridge.
- 2008 The epi-Olmec tradition at Cerro de las Mesas in the Classic period. (**John Justeson** and Terrence Kaufman). In Christopher A. Pool and Philip J. Arnold, eds., *Classic Period Cultural Currents in Southern and Central Veracruz*, pp. 159–194. Washington, D.C. Dumbarton Oaks.
- 2008 The epi-Olmec language and its neighbors. (**Terrence Kaufman** and John Justeson). In Christopher A. Pool and Philip J. Arnold, eds., *Classic Period Cultural Currents in Southern and Central Veracruz*, pp. 55–83. Washington, D.C. Dumbarton Oaks.
- 2006 The history of the word for ‘cacao’ and related terms in ancient Meso-America. In Cameron L. McNeil, ed., *Chocolate in Mesoamerica: A Cultural History of Cacao*, pp. 117–139. Gainesville: University Press of Florida.
- 1994 Variation and change in symbol systems: case studies in Elamite cuneiform (**John Justeson** and Laurence D. Stephens). In *The Ancient Mind: Elements of Cognitive Archaeology*, ed.s Colin Renfrew and Ezra B.W. Zubrow, pp. 167–175. New Directions in Archaeology. Cambridge: Cambridge University Press.
- *1978 A Mayan planetary observation (James A. Fox and John Justeson). In *University of California Archaeological Research Facility Contributions* **36**:55–59.
- 1977 Universals of language and universals of writing. In *Linguistic Studies Offered to Joseph Greenberg on the Occasion of his Sixtieth Birthday*, vol. 1:57–94. Edited by Alphonse Juillard, Andrew M. Devine, and Laurence D. Stephens. [To be reprinted in Berthold Riese, ed., *Cultural Embedding of Writing Systems* (translation of Chinese title): Qingdao, China (publisher not yet known).

- 1975 A method for the quick computation of calendar round positions. *Corpus of Maya Hieroglyphic Inscriptions* 1:56–57.
- *1975 The identification of the emblem glyph of Yaxha, El Peten. *University of California Archaeological Research Facility Contributions* 27:123–129.

CHAPTERS IN PEER-REVIEWED BOOKS (6)

- 1990 Representational conventions of Mayan hieroglyphic writing. In *The Language of Writing in the Mayan Area*, ed.s William Hanks and Don Rice, pp. 25–38. Salt Lake City: University of Utah Press.
- *1989 Ancient Maya ethnoastronomy: an overview of epigraphic sources. *World Archaeoastronomy*, ed. Anthony F. Aveni, pp. 76–129. Cambridge: Cambridge University Press. (~ 42,800 words) [Reprinted in Anthony F. Aveni (2008), ed., *Foundations of New World Cultural Astronomy: A Reader*, pp. 509–564. University Press of Colorado: Boulder.]
- 1988 The Pomona flare: a Preclassic Maya hieroglyphic text (**John Justeson, William M. Norman**, and Norman Hammond). In *Maya Iconography*, ed.s Elizabeth P. Benson and Gillett G. Griffin, pp. 94–151. Princeton: Princeton University Press. (~ 26,500 words)
- *1985 Closed models of open systems (**John Justeson** and Steven E. Hampson). *Archaeology of Frontiers and Boundaries*, ed.s Stanton W. Green and Stephen Perlman, pp. 15–30. New York: Academic Press.
- 1983 The foreign impact on Lowland Mayan language and script: a summary (**John Justeson, William M. Norman**, Lyle Campbell and Terrence Kaufman). In *Highland-Lowland Interaction in Mesoamerica: Interdisciplinary Approaches*, pp. 147–158. Edited by Arthur G. Miller. Washington: Dumbarton Oaks.
- 1980 Mayan hieroglyphs as linguistic evidence (James A. Fox and John Justeson). In *Third Palenque Round Table, 1978: Part 2*, pp. 204–216. Austin: University of Texas Press.

SOLICITED CHAPTERS IN EDITED BOOKS, HANDBOOKS, ENCYCLOPEDIAS, AND CONFERENCE PROCEEDINGS (27)

- *2018 Epi-Olmec ritual practices referred to in hieroglyphic texts, with special reference to the text on a Teotihuacan-style mask. (John Justeson and Terrence Kaufman). In Harri Kettunen, Verónica Amellali Vázquez López, Felix Kupprat, Cristina Vidal Lorenzo, Gaspar Muñoz Cosme, and María Josefa Iglesias Ponce de León, eds., *Tiempo Detenido, un Tiempo Suficiente: Ensayos y Narraciones Mesoamericanistas en homenaje a Alfonso Lacadena García Gallo*, pp. 59–139. Couvin: Wayeb Publication Series, Volume 1. (~ 28,400 words)
<https://www.wayeb.org/download/Kettunen%20et%20al%202018%20Tiempo%20Detenido%20Alfonso%20Lacadena%20%28Wayeb%20Series%201%29.pdf>
 [Michael E. Smith: “I can’t evaluate the linguistics or epigraphy, but I’ll accept just about anything published by John Justeson. Not because we are friends, but because he is smart, rigorous, and pursues accuracy without getting his ego involved. My model of a top scientific intellect!”]
- *2014 Colonial Zapotec calendars and calendrical astronomy. In Stanislaw Iwanewski and Clive Ruggles, eds., *Handbook of Archaeoastronomy and Ethnoastronomy*, pp. 759–767. Springer: Heidelberg.
- 2012 Early Mesoamerican writing systems. In Deborah Nichols and Christopher A. Pool, eds., *The Oxford Handbook of Mesoamerican Archaeology*, pp. 830–844. Oxford University Press: Oxford.
- 2008 Mayan epigraphy. In *Encyclopedia of Latin American History and Culture*, 2nd ed., vol. 5, pp. 429–432. Charles Scribner and Sons.
- *2007 The correlation between the colonial northern Zapotec and Gregorian Calendars. (John Justeson and David Tavárez). Chapter One in Clive Ruggles and Gary Urton, eds., *Cultural Astronomy in New and Old World Cosmologies*, pp. 17–81. Boulder: University of Colorado Press. (~ 25,700 words)

- 2006 Language and Languages in Mesoamerica (John Justeson and George A. Broadwell). In *The Legacy of Mesoamerica: History and Culture of a Native American Civilization*, 2nd edition, ed.s Robert M. Carmack, Janine Gasco, and Gary H. Gossen, pp. 407–438. Upper Saddle River, New Jersey: Prentice-Hall. [revised version of Justeson and Broadwell 1996]
- *2004 Epi-Olmec. (**Terrence Kaufman** and John Justeson). In *Encyclopedia of the World's Ancient Languages*, ed. Roger D. Woodard, pp. 1071–1108. London: Oxford University Press.
- *2004 Zapotec (Appendix 3). (Terrence Kaufman and John Justeson). In *Encyclopedia of the World's Ancient Languages*, ed. Roger D. Woodard, pp. 1109–1111. London: Oxford University Press.
- 2001 Pratiche di calcolo nell'antica Mesoamerica. In Anthony F. Aveni, ed., vol. II of *Storia della Scienza*, pp. 976–990. Rome: Istituto della Enciclopedia Italiana, Fondata da Giovanni Treccani.
- 2001 Calendrics: Mesoamerican calendars. (**John Justeson** and Terrence Kaufman). In David Carrasco, ed., *Oxford Encyclopedia of Mesoamerican Cultures* 1:121–124. New York: Oxford University Press.
- 2001 Calendar round. (**John Justeson** and Terrence Kaufman). In David Carrasco, ed., *Oxford Encyclopedia of Mesoamerican Cultures* 1:121. New York: Oxford University Press.
- 2001 Divinatory cycle. (**John Justeson** and Terrence Kaufman). In David Carrasco, ed., *Oxford Encyclopedia of Mesoamerican Cultures* 1:329–331. New York: Oxford University Press.
- 2001 Year cycle. (**John Justeson** and Terrence Kaufman). In David Carrasco, ed., *Oxford Encyclopedia of Mesoamerican Cultures* 3:364–365. New York: Oxford University Press.
- 1997 The linguistic background of Mayan hieroglyphic writing: arguments against a “Highland Mayan” role. (**John Justeson** and Lyle Campbell). In *The Languages of Mayan Hieroglyphic Writing*, ed.s Anabel Ford and Martha Macri, pp. 41–67. San Francisco: Pre-Columbian Art Research Institute.
- 1996 Language and languages in Mesoamerica (John Justeson and George A. Broadwell). In *The Legacy of Mesoamerica: History and Culture of a Native American Civilization*, ed.s Robert M. Carmack, Janine Gasco, and Gary H. Gossen, pp. 379–406. Upper Saddle River, New Jersey: Prentice-Hall.
- 1991 Explaining word order universals: a log-linear analysis (John Justeson and Laurence D. Stephens). In Werner Bahner, Joachim Schildt, and Dieter Viehweger, ed.s, *Proceedings of the Fourteenth International Congress of Linguists*, pp. 2372–2376. Berlin: Akademie-Verlag.
- 1990 Antonymy, co-occurrence, and sense disambiguation (John Justeson and Slava M. Katz). In *2nd ITL Conference on Natural Language Processing*, pp. 363–374. Paris: IBM.
- 1988 Americas: Pre-Columbian writing systems. *International Encyclopedia of Communication*. Edited by Erik Barnouw. Cambridge: Oxford University Press.
- 1987 Word order variation: two models (John Justeson and Laurence D. Stephens). In *Papers from the XV Conference on New Ways of Analyzing Variation in Language*, ed.s Keith Denning, Sharon Inkelas, Faye C. McNair-Knox, and John R. Rickford, pp. 234–248. Stanford: Center for the Study of Language and Information.
- 1986 Classic Maya dynastic alliance and succession (James A. Fox and John Justeson). In *Handbook of Middle American Indians. Supplement 4: Ethnohistory*, ed.s Ronald M. Spores and Victoria R. Bricker, pp. 7–34. Austin: University of Texas Press.
- 1984 Patterns of sign substitution in Mayan hieroglyphic writing: the “Affix Cluster” (**Peter Mathews** and John Justeson). In Justeson and Campbell (1984), pp. 185–232.
- 1984 Polyvalence in Mayan hieroglyphic writing (James A. Fox and John Justeson). In Justeson and Campbell (1984), pp. 17–76.
- 1984 Appendices B, C, and D in Justeson and Campbell (1984):
 Appendix B: Interpretations of Mayan hieroglyphs, pp. 315–362.
 Appendix C: Conventions for the transliteration of Mayan hieroglyphs (James A. Fox and John S. Justeson), pp. 363–366.
 Appendix D: Subscript designations for Mayan sign transliterations, pp. 367–369.

- 1983 Mayan hieroglyphic "name-tagging" of a pair of rectangular jade plaques from Xcalumkin. *Recent Contributions to Maya Hieroglyphic Decipherment* 1:40–43.
- *1981 Chance cognition: a probabilistic model and decision procedure for historical inference, John Justeson and Laurence D. Stephens. *Papers from the Fourth International Conference on Historical Linguistics*, ed.s Elizabeth C. Traugott, Rebecca LaBrum, and Susan Shepard, pp. 36–45. Amsterdam: John Benjamins.
- 1979 Some generalizations concerning glides (**Laurence D. Stephens** and John Justeson). In *Proceedings of the Eighth Annual Western Conference on Linguistics*, pp. 151–164. Edited by Derry L. Malsch, James E. Hoard, and Clarence D. Sloat.
- 1978 Scribal practice and language theory: a Norse runic test-case reconsidered. In *The Nordic Languages and Modern Linguistics*/3, pp. 427–431. Edited by John Weinstock. Austin: University of Texas Press.

PATENT

- 1995 Method for extracting multi-word technical terms from text (Roy J. Byrd, **John Justeson**, and **Slava M. Katz**; International Business Machines Corporation, assignee). United States Patent Number 5,423,032.

REVIEWS

- 2001 Itzaj Mayan Grammar; Andrew Hofling. *Latin American Antiquity* 12.
- *1988 Writing Systems; Geoffrey Sampson. *Language* 64:421–25.
- *1986 Die Inschriften von Naranjo. Beitrage zur Mittelamerikanische Volkerkunde, 23; Maria Gaida. *American Anthropologist* 88:186–187.
- 1977 Mesoamerican writing systems: a conference at Dumbarton Oaks, October 30th and 31st, 1971; Elizabeth P. Benson, editor (John Justeson and James A. Fox). *American Anthropologist* 79:164–166.
- 1977 Pre-Columbian Art: Dumbarton Oaks collections; Elizabeth P. Benson, editor. University of Chicago microfiche. *American Anthropologist* 79:1001.

OBITUARIES

- 2007 Different drummer [Steven Edward Hampson]. *Mimulus MEMO – California Plant Society, Kern County Chapter*. <http://www.bakersfieldcactus.org/kerncnps/NewsLetter/fall2007.pdf>
- 1999 Floyd Glenn Lounsbury (Wallace Chafe and John Justeson). *Language* 75(3):563–566.

TRANSLATION (1)

- 1984 *Hel* hieroglyphs [*Hel* Hieroglyphen], by Berthold Riese. In Justeson and Campbell (1984).

SPEAKER SERIES ORGANIZED: NORTHEAST MESOAMERICAN EPIGRAPHY GROUP (NUTMEG)

Met regularly six times per academic year, 1994–2003; intermittently thereafter through 2014 or so. *Speakers*: Anthony Aveni (multiple times), Louise Burkhart, Samuel Edgerton, Antonia Foias, John Henderson, John Justeson (multiple times), Terrence Kaufman, Simon Martin (multiple times), Peter Mathews (inaugural talk), Patricia McAnany, Geoffrey & Sharisse McCafferty, Mary Ellen Miller, Peter Selverstone, David Stuart (multiple times), Alexander Tokovinine, Javier Urcid Serrano (multiple times), Gary Urton (multiple times)

INVITED TALKS AND WORKSHOPS (23)

(at which expenses were covered by the organizers;
mostly specially organized meetings rather than annual association meetings)

- 2017 What the epi-Olmec texts say. Workshop presented at the 10th annual Maya at the Playa meeting, September 21, 2017; 3 hours. Palm Coast, Flagler County, Florida.
- 2017 Deciphering Zapotec hieroglyphic writing. Paper presented at the 10th annual Maya at the Playa meeting, September 23, 2017; 1 hour. Flagler County, Florida.
- 2015 Mesoamerican eclipse prediction. Presentation to the Pre-Columbian Society at the University of Pennsylvania Museum, October 17, 2015; 1 hour. Philadelphia.
- 2015 La cultura epíolmeca según los textos jeroglíficos. Keynote address, *1ª Celebración de Culturas Chiapanecas: Los Zoques*, at the Universidad de Ciencias e Artes Chiapaneca. May 27, 2015. Tuxtla Gutierrez, Chiapas, Mexico.
- 2014 How to decipher a lost writing system: epi-Olmec decipherment methods and results. 3-hour workshop at the 8th Maya at the Playa conference, September 26, 2014. Palm Coast, Florida.
- 2014 Mesoamerican calendrical astronomy: how did Mesoamericans predict eclipses? Invited 1-hour presentation, in honor of Peter Mathews, at the 8th Maya at the Playa conference, Palm Coast, Flagler County, Florida. September 26, 2014.
- 2013 La escritura en una cueva veracruzana y su origen (with Terrence Kaufman). Invited paper presented at the 2º Coloquio, “Tendencias de la Investigación Antropológica e Histórica en Tabasco”, 29 November 2013. Villahermosa, Tabasco, Mexico.
- 2013 La cuenta lunar de los zapotecos preclásicos: el glifo W en Monte Albán. Presentation in the series on indigenous Oaxacan calendars, Convento San Pablo. August 2013. Oaxaca de Juárez, Oaxaca, Mexico.
- 2013 ¿Como deletrean la lengua epi-olmeca en jeroglifos? Presentation at the municipal center, Tlahuitoltepec, Oaxaca. Talk invited by the town of Tlahuitoltepec and indigenous Mixe linguists.
- 2012 Mesoamerican concepts of number and numeration and the invention of the long count. Presentation to the Pre-Columbian Society at the University of Pennsylvania Museum, January 14, 2015. Philadelphia.
- 2011 Language documentation and decipherment. Presentation in Recovering Voices: Seminar Series in Endangered Languages and Indigenous Knowledge, Smithsonian Institution. May 6, 2011. Washington.
- 2011 Numerical cognition, numeration, and computing practices in pre-Columbian Mesoamerica. Presentation in the Dumbarton Oaks workshop “Numbers in the Pre-Columbian World” [Anthony Aveni, Anna Blume, and Gary Urton, organizers]. April 23, 2011. Washington.
- 2011 How to decipher a forgotten writing system. Invited paper presented to the Precolumbian Society of Washington, D.C. February 4, 2011. Washington.
- 2007 Who was where when in ancient Mesoamerica. Presentation to the Pre-Columbian Society at the University of Pennsylvania Museum, September 8, 2007. Philadelphia.
- 2007 Taller de escritura jeroglífica epíolmeca [workshop on epi-Olmec hieroglyphic writing]. Biblioteca Francisco de Burgoa, Centro Cultural Santo Domingo. July 20, 2007. Oaxaca City, Oaxaca.
- 2007 Taller de escritura jeroglífica zapoteca [workshop on Zapotec hieroglyphic writing]. Biblioteca Francisco de Burgoa, Centro Cultural Santo Domingo. July 20, 2007. Oaxaca City, Oaxaca.
- 2006 Numerical cognition and the origin of ‘zero’ in Mesoamerica. Paper presented at the symposium, Measuring the World and Beyond, McDonald Institute for Archaeological Research, University of Cambridge [Colin Renfrew and Iain Morley, organizers]
- 2004 A recently published epi-Olmec text on a Teotihuacan-style mask. Paper presented at the Texas Symposium on Mesoamerican Hieroglyphic Writing, University of Texas, Austin. March 11, 2004. 3-hour version presented on March 16, 2004.
- 1999 Early scripts in Mesoamerica. International Symposium on the Multiple Origins of Writing. Center for Ancient Studies, University of Pennsylvania. March, 1999. Holly Pittman, organizer.

- 1990 Evolutionary trends in writing systems: Mayan hieroglyphs and Elamite cuneiform. Paper presented at the Workshop toward an explicitly scientific cognitive archaeology; Colin Renfrew and Ezra B. W. Zubrow, organizers. Cambridge University.
- 1989 Evolutionary trends in Mesoamerican hieroglyphic writing. Paper presented at the fifth annual meeting of the Language Origins Society, University of Texas at Austin.
- 1980 Foreign influence on Lowland Mayan language and script (with William M. Norman; Lyle Campbell and Terrence Kaufman, junior authors). Dumbarton Oaks conference on Highland-Lowland Interaction in Mesoamerica: Interdisciplinary Approaches. Washington, D.C.

PAPERS PRESENTED AT PROFESSIONAL MEETINGS (68)

Society for American Archaeology (annual meetings; 11)

- 2015 Language contact and intergroup interaction in pre-Columbian Mesoamerica. Paper presented in the symposium “Interregional interaction and dynamic cultural process in Mesoamerica” [Bryan Schaeffer and Joshua Englehart, organizers] at the 80th annual meeting of the Society for American Archaeology. April 17, 2015. San Francisco. In absentia.
- 2013 Fitting eclipse doublets into the structure of the eclipse table of the Dresden Codex. Paper presented in the Society for American Archaeology’s Fryxell award symposium in honor of interdisciplinary contributions to archaeology by Anthony F. Aveni. Annual meeting of the Society for American Archaeology. April 5, 2013. Honolulu, Hawaii.
- 2012 Modelling indigenous Mesoamerican eclipse theory. Paper presented in the symposium “Cosmology, calendars, and horizon-based astronomy in ancient Mesoamerica: Papers in honor of Anthony F. Aveni” [Anne Dowd, organizer] at the 77th annual meeting of the Society of American Archaeology. April 22, 2012. Memphis, Tennessee.
- 2009 Potent agency and discourse patterns in epi-Olmec texts. Paper presented in the symposium “Early writing and agency: epigraphy and agents in the archaeological record” [Joshua Englehart, organizer] at the 74th annual meeting of the Society for American Archaeology. April 26, 2009. Atlanta.
- 2007 The circumnodal Venus cycle: an epi-Olmec cultural practice. Paper presented in the symposium “New perspectives on ancient Maya astronomy” [Edwin Barnhart and Harold Green, organizers] at the 47th annual meeting of the Society for American Archaeology. April 27, 2007. Austin, Texas.
- 2001 Language contact in Preclassic Meso-America (Terrence Kaufman and John Justeson). Paper delivered April 19, 2001 at Society for American Archaeology Annual Meeting.
- 2001 The epi-Olmec tradition (John Justeson and Terrence Kaufman). Paper delivered April 18, 2001 at Society for American Archaeology Annual Meeting.
- 1978 Closed models of open systems (with Steven E. Hampson). Symposium on frontiers and boundaries in archaeology, annual meeting of the Society for American Archaeology. Tucson.
- 1977 Aspects of Mayan astronomical inscriptions. Symposium on cognitive aspects of Mayan hieroglyphic inscriptions, annual meeting of the Society for American Archaeology. New Orleans.
- 1977 Classic Maya dynastic relations. Symposium on cognitive aspects of Mayan hieroglyphic inscriptions, annual meeting of the Society for American Archaeology. New Orleans.
- 1976 A preliminary to process in information-theoretic approaches in archaeology. Symposium on applications of information theory in archaeology, annual meeting of the Society for American Archaeology. Dallas.

The Maya Meetings at Texas (organizers: Linda Schele, 1980–1998; Nikolai Grube, 1999–2005; annual meetings: 9)

- 2001 Epi-Olmec hieroglyphic writing and texts. Day-long (“plenary”) presentation at the Maya Meetings at Texas, March 2001. University of Texas, Austin.
- 2001 Why epi-Olmec writing is not Mayan. Paper presented at the Nineteenth Advanced Seminar on Mayan Hieroglyphic Writing, March 20, 2001. University of Texas, Austin.
- 1998 The stela texts from Xochicalco. (Terrence Kaufman and John Justeson). The Maya Meetings at Texas. Austin: March, 1998.
- 1997 A newly discovered column in the hieroglyphic text of La Mojarra Stela (Terrence Kaufman and John Justeson). The Maya Meetings at Texas. Austin: March, 1997.
- 1994 Star wars on the Preclassic Gulf Coast: the chronology of La Mojarra Stela 1 and its astronomical correlates (John Justeson and Terrence Kaufman). 10th Texas Symposium of the Maya Meetings at Texas (Star wars: Venus/Tlaloc warfare in Mesoamerica). Austin: March 1994.
- 1994 An independent test of epi-Olmec decipherment: the O’Boyle mask and the Chiapa de Corzo sherd (Terrence Kaufman and John Justeson). The Maya Meetings at Texas. Austin: March, 1994.
- 1993 Further results on the epi-Olmec script. (John Justeson and Terrence S. Kaufman). Annual Workshop on Maya Hieroglyphic Writing, Austin. (3 hours)
- 1992 The epi-Olmec script of La Mojarra. (John Justeson and Terrence S. Kaufman). Annual Workshop on Maya Hieroglyphic Writing, Austin. (3 hours)
- 1991 Preliminary decipherment of the epi-Olmec script of La Mojarra. (John Justeson and Terrence Kaufman). Annual Workshop on Maya Hieroglyphic Writing, Austin. (3 hours)

Linguistic Society of America (annual meetings; 6)

- 2018 Day names in the Mesoamerican divinatory calendar and their history in the Greater Lowland Mayan interaction sphere. Paper presented in the session “Language change and language documentation in the Americas: a symposium in honor of Lyle Campbell”, January 5, 2018; 20 minutes. 93rd annual meeting of the Linguistic Society of America, Salt Lake City.
- 2002 The history and research plan of the Project for the Documentation of the Languages of Mesoamerica (with Terrence Kaufman). Paper delivered January 5, 2002, at the 77th annual meeting of the Linguistic Society of America.
- 1996 The language of the epi-Olmec hieroglyphic inscriptions (John Justeson and Terrence Kaufman). 71st annual meeting of the Linguistic Society of America, San Diego, California, January 5, 1996.
- 1988 Representational variation and analogical change in Elamite spelling (with Laurence D. Stephens). Symposium on writing systems as objects of linguistic inquiry, 63rd annual meeting of the Linguistic Society of America. New Orleans.
- 1980 The statistical structure of vowel and consonant systems (with Laurence D. Stephens). 55th annual meeting of the Linguistic Society of America. Austin.
- 1979 The cumulative effects of sound change (with Laurence D. Stephens). 54th annual meeting of the Linguistic Society of America. Austin.

Northeast Mesoamericanist Conference (annual meetings; 5)

- 1998 Epi-Olmec texts and the ethnography of speaking. Northeast Mesoamericanist Conference, University of Massachusetts at Boston, October 30, 1998.
- 1996 The decipherment of epi-Olmec hieroglyphic writing. Northeast Mesoamerican Epigraphy Group and Northeast Mesoamericanist Conference, SUNY at Albany, November 3, 1996. (3 hours)
- 1994 Chronological analysis of the Preclassic inscriptions of Monte Alban (John Justeson and Terrence Kaufman). Northeastern Conference of Mesoamericanists. Brown University; October, 1994.

- 1994 Grammatical analysis of the Zapotec inscriptions and its implications for the nature of Zapotec writing (Terrence Kaufman and John Justeson). Northeastern Conference of Mesoamericanists. Brown University; October 1994.
- 1983 Recent developments in the study of Mayan hieroglyphic writing (with Peter Mathews). 1st annual Northeastern Mesoamerican Conference. SUNY Albany.

American Anthropological Association (annual meetings; 4)

- 1992 A decipherment of epi-Olmec hieroglyphic writing: overview of methodology and results. (John Justeson and Terrence S. Kaufman). Annual meeting of the American Anthropological Association, San Francisco.
- 1984 The shift of Yucatecan **t > *c*. 23rd Conference on American Indian languages, 83rd annual meeting of the American Anthropological Association. Washington.
- 1983 Hieroglyphic documentation of Mayan linguistic history. 22nd Conference on American Indian languages, 84th annual meeting of the American Anthropological Association. Chicago.
- 1976 Information trends and organizational indices in Mayan hieroglyphs and other writing systems. Symposium, 75th annual meeting of the American Anthropological Association. Washington.

American Oriental Society (annual meetings; 2)

- 1982 The evolution of syllabaries from alphabets: the case of Old Persian (with Laurence D. Stephens). 192nd annual meeting of the American Oriental Society. Austin.
- 1981 Elamite spellings of closed syllables (with Laurence D. Stephens). 191st annual meeting of the American Oriental Society. Boston.

Varied professional meetings (31)

- 2012 Epi-Olmec cultural practices referred to in hieroglyphic texts, with special reference to the text on a Teotihuacan-style mask (with Terrence Kaufman). Paper presented in the symposium “Classic Veracruz rising: emergent politico-economic complexity along Mexico’s Gulf Lowlands, AD 100–600” [Philip Arnold III and Christopher A. Pool, organizers], at the 54th International Congress of Americanists. July 16, 2012. Vienna, Austria.
- 2011 Zero’s beginnings: the Mayan case. Paper presented in the symposium “Numeration and numeracy in cognition, language, and culture”, at the 7th annual meeting of the Society for Anthropological Sciences. February 19, 2011. Charleston.
- 2010 Zapotec hieroglyphic writing: c. 500 BCE – 600 CE. Presentation to the George Washington University seminar on Power and Resistance: Archaeology, Ethnohistory, and Ethnology of Oaxaca [Jeffrey Blomster, professor]. October 13, 2010. Washington.
- 1996 Escritura glífica sobre la estela de La Mojarra (John Justeson and Terrence Kaufman). Presentation at the Museo de Antropología, Xalapa, Veracruz; October 16, 1996
- 1995 Desciframiento de la escritura epi-olmeca. **Inaugural lecture** of archaeological series of the Museo del Templo Mayor. Coordinacion Nacional de Arqueologia, Instituto Nacional de Antropologia e Historia. Mexico City; February 1995 (John Justeson and Terrence Kaufman).
- 1994 The correlation of the epi-Olmec and Mayan calendars (John Justeson and Terrence Kaufman). Northeastern Anthropological Association. Geneseo, New York; April, 1994.
- 1993 Principled disambiguation: discriminating adjective senses using modified nouns (John Justeson and Slava M. Katz). IBM Technical Conference; Oxford; September, 1993.
- 1990 Antonymy, co-occurrence, and sense disambiguation (John Justeson and Slava M. Katz). IBM Internal Technical Conference on Natural Language Processing, IBM Scientific Center, Paris.
- 1989 Comparative perspectives on Mayan script development (with Peter Mathews). Conference on The Language of Maya Hieroglyphs. Mesoamerican Research Center, University of California, Santa Barbara.

- 1989 Hieroglyphic evidence for the languages of the Classic Maya (with James A. Fox). Conference on New Interpretations of Maya Hieroglyphic Writing. Institute for Mesoamerican Studies, SUNY Albany.
- 1989 Loglinear modelling of typological change, with application to diachronic word order universals (with Laurence D. Stephens). International Conference on Historical Linguistics, 9, Rutgers University, New Brunswick, New Jersey.
- 1989 Mesoamerican writing in comparative perspective. Symposium on Middle American writing systems, 5th meeting of the Language Origins Society, University of Texas, Austin.
- 1987 Explanations for word-order universals: a log-linear analysis (with Laurence D. Stephens). 14th International Congress of Linguists. Berlin.
- 1987 The evolution of writing in Mesoamerica. Colloquium of the Department of Anthropology. Stanford University.
- 1986 Word order variation: two models. 15th Conference on New Ways of Analyzing Variation in Language. Stanford University.
- 1986 Astronomical aspects of Maya hieroglyphic texts. Overview paper, 2nd Oxford International Conference on Archaeoastronomy. Merida, Yucatan, Mexico.
- 1985 The evolution of syllabaries from alphabets (with Laurence D. Stephens). Annual meeting of the Linguistic Association of the Southwest. Houston.
- 1985 Typological method in the study of writing systems (with Laurence D. Stephens). Annual meeting of the Linguistic Association of the Southwest. Houston.
- 1984 The evolution of Mayan hieroglyphic writing: a case study in early script formation. Symposium, The Language of Writing in the Mayan Region, Center for Latin American Studies. University of Chicago.
- 1982 Grammatical analysis of the Pomona jadeite flare, a Preclassic Maya hieroglyphic text (with William M. Norman). Biennial Taller Maya. San Cristobal las Casas, Chiapas, Mexico.
- 1981 Methods of deciphering Maya writing. Fellows' seminar, Dumbarton Oaks. Washington.
- 1980 The evolution of writing systems. Pre-Columbian program seminar, Dumbarton Oaks. Washington.
- 1979 Chance cognation: a probabilistic model and decision procedure for historical inference (with Laurence D. Stephens). 14th International Conference on Historical Linguistics. Stanford University.
- 1979 The origin and evolution of Mayan writing (with Lyle Campbell). International Conference on Phoneticism in Mayan Hieroglyphic Writing. SUNY Albany.
- 1979 Some phonetic decipherments (with James A. Fox). International Conference on Phoneticism in Mayan Hieroglyphic Writing. SUNY Albany.
- 1979 Variable and antilinguistic order of signs in script. International Conference on Phoneticism in Mayan Hieroglyphic Writing. SUNY Albany.
- 1978 Evidence for the languages of the Classic Maya (with James A. Fox). Tercera Mesa Redonda de Palenque. Palenque, Chiapas, Mexico.
- 1978 Mayan hieroglyphs as linguistic evidence (with James A. Fox). Tercera Mesa Redonda de Palenque. Palenque, Chiapas, Mexico.
- 1978 Some generalizations concerning glides (with Laurence D. Stephens). 8th annual Western Conference on Linguistics. Eugene, Oregon.
- 1977 Day names as personal names: indices of capture and enslavement in Mayan hieroglyphic and ethnohistoric texts. International Symposium on Maya Art, Architecture, Archaeology and Hieroglyphic Writing. Guatemala City.
- 1977 Mayan hieroglyphic art: a comparative perspective. International Symposium on Maya Art, Architecture, Archaeology and Hieroglyphic Writing. Guatemala City.
- 1976 Scribal practice and language theory: a Norse runic test-case reconsidered. 3rd International Conference on Nordic and General Linguistics. Austin.

PRESENTATIONS AT OTHER INSTITUTIONALLY-SPONSORED COLLOQUIA (6)

- 2010 Introduction to epi-Olmec decipherment. Presentation to the Fellows and staff of Dumbarton Oaks. October 18, 2010. Washington.
- 1981 Calendrical decipherment of Mayan hieroglyphic Writing. Dumbarton Oaks, pre-Columbian seminar.
- 1980 Mayan hieroglyphic writing: a comparative perspective. Colloquium of the Institute for Mesoamerican Studies. SUNY Albany. (10 years prior to hiring)
- 1979 Script typology and universals: linguistic and information-processing constraints on the role of the syllable in writing systems (with Laurence D. Stephens). Yale Linguistic Club Workshop. Yale University.
- 1978 Scribal practice and language theory. Colloquium of the Department of English, University of South Carolina. Columbia, South Carolina.
- 1977 Decipherment: the approach from universals of language and universals of writing systems (with Laurence D. Stephens). Colloquium of the Department of Classics. Stanford University.

NORTHEAST MESOAMERICAN EPIGRAPHY GROUP PRESENTATIONS (16) UNIVERSITY AT ALBANY SERIES (organized by Justeson)

- 2006 The origin and early evolution of writing in Mesoamerica. Northeast Mesoamerican Epigraphy Group, SUNY at Albany, December 2006. 3 hours.
- 2004 The decipherment of epi-Olmec hieroglyphic writing. Northeast Mesoamerican Epigraphy Group, SUNY at Albany, March 5, 2005. 3 hours.
- 2003 Astronomical references in epi-Olmec texts. Northeast Mesoamerican Epigraphy Group, SUNY at Albany, November 13, 2003. 3 hours.
- 2002 The early evolution of writing in Mesoamerica. At the symposium, Mesoamerican epigraphy at the crossroads, organized by Anthony F. Aveni, Colgate University. Co-sponsored by Northeast Mesoamerican Epigraphy Group. November 9, 2002.
- 2001 The early history of cacao in the Mayan area. Northeast Mesoamerican Epigraphy Group. SUNY at Albany, December 2001.
- 2001 The correlation of the Zapotec calendar with European chronology. Northeast Mesoamerican Epigraphy Group. SUNY at Albany, November 2001.
- 2000 The language of Mayan hieroglyphic inscriptions (with David Mora-Marín). Northeast Mesoamerican Epigraphy Group. SUNY at Albany, September 2000. (3 hours)
- 1999 The stela texts from Xochicalco. Northeast Mesoamerican Epigraphy Group. SUNY at Albany; November 1999. (3 hours)
- 1998 The origin of zero in Mesoamerica. Northeast Mesoamerican Epigraphy Group. SUNY at Albany; September 1998. (3 hours)
- 1997 Non-calendrical aspects of the hieroglyphic inscriptions of Xochicalco. Northeast Mesoamerican Epigraphy Group. Albany; September 1997. (3 hours)
- 1997 Evidence for the decipherment of epi-Olmec writing. 3 hour workshop, Maya Hieroglyphs Weekend, University Museum, University of Pennsylvania; April, 1997
- 1996 The last word on La Mojarra Stela 1. Philadelphia Pre-Columbian Society; November 9, 1996.
- 1995 The evolution of Mayan hieroglyphic writing. Northeast Mesoamerican Epigraphy Group. Albany; October 1995. (3 hours)
- 1995 Zapotec chronology and astronomy. Northeast Mesoamerican Epigraphy Group. Albany; February, 1995. (3 hours)
- 1994 The decipherment of epi-Olmec writing. Northeast Mesoamerican Epigraphy Group. Albany; November, 1994. (3 hours)