Dr. Richard Sterling Cook, Jr. <mailto:rscook@berkeley.edu> <http://linguistics.berkeley.edu/~rscook/>

STEDT Project · Linguistics Department · UC Berkeley · 1203 Dwinelle Hall · Berkeley, CA 94720 ·(510) 643-9910

ICSI · Artificial Intelligence Group · WCS · 1947 Center St., Suite 600 · Berkeley, CA 94704 · (510) 666-2954

Academic

UNIVERSITY OF CALIFORNIA AT BERKELEY, DEPARTMENT OF LINGUISTICS

2003 ◊ Ph.D. 《說文解字・電子版》 *Digital Recension of the Eastern Hàn Chinese Grammaticon.*

2000 ◊ M.A. [Chinese languages, instrumental phonetics and phonology, computational linguistics.]

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, DEPT. OF ENGLISH AND COMPARATIVE LITERATURE

1989 ◊ B.A. [Epic literature, Classical Greek & Latin, Anglo-Saxon, Russian.]

Current

1998- UNIVERSITY OF CALIFORNIA AT BERKELEY, DEPARTMENT OF LINGUISTICS

The Sino-Tibetan Etymological Dictionary and Thesaurus Project (STEDT)

National Endowment for the Humanities (NEH) & National Science Foundation (NSF) funding (1987-)

• Researcher, Programmer, Archivist, Grant Writer <http://stedt.berkeley.edu/> [w/ Prof. James Matisoff]

2002- INTERNATIONAL COMPUTER SCIENCE INSTITUTE (ICSI), ARTIFICIAL INTELLIGENCE GROUP

The World Color Survey (WCS)

• Researcher, Programmer, Archivist, Grant Writer <http://icsi.berkeley.edu/wcs/> [w/ Prof. Paul Kay]

Awards

2007-2008 NATIONAL ENDOWMENT FOR THE HUMANITIES (NEH) DIGITAL HUMANITIES START-UP GRANT

Character Description Language (CDL) Project <http://wenlin.com/cdl/> [w/ Thomas Bishop]

1999-2003 STEDT Graduate Research Fellow (Linguistics)

1998-1999 US Foreign Language and Area Studies Fellow (Chinese)

1998-1999 University of California Regents Graduate Fellow (Linguistics)

Languages & Computing

• Modern & historical languages & writing systems

• Chinese; Tangut; Classical Greek & Latin; Anglo-Saxon, Russian; Marshallese

• Lexicographic database, corpora, publications systems; C, Java; Perl, PHP, Javascript; SQL; XML

• Digital typography: Modern & historical orthographies, phonetic transcription, CDL

• UNICODE TECHNICAL & EDITORIAL COMMITTEES; ISO/IEC JTC1/SC2/WG2/IRG

• SCRIPT ENCODING INITIATIVE (SEI) <http://linguistics.berkeley.edu/sei/> [w/ Dr. Deborah Anderson]

Publications (Selected)

2009 *The World Color Survey*. Kay, Berlin, Maffi, Merrifield, and Cook. Center for the Study of Language and Information (CSLI), Stanford University. *<http://www.icsi.berkeley.edu/wcs/data.html>*. (~650 p.)

2007 *The Unicode Standard 5.0.* (Allen, Becker, Cook, Davis, Everson, Freytag, Jenkins, Ksar, McGowan, Moore, Muller, Scherer, Suignard, and Whistler, eds.) Boston: Addison-Wesley. *<http://unicode.org/>*

2007 *Unicode Standard Annex #38: Unicode 漢 Han Database (Unihan).* [w/ John Jenkins of Apple Computer] *<http://www.unicode.org/reports/tr38/>*

2006 《周易》卦序詮解 *Classical Chinese Combinatorics*. STEDT Monograph #5. UC Berkeley. (~656 p.)

2005 "Focal colors are universal after all." [w/ T. Regier and P. Kay] In *Proceedings of the National Academy of Sciences* (PNAS 2005 102: 8386-8391).

2003 "A Specification of CDL (Character Description Language)". [w/ T. Bishop]

2003 《說文解字・電子版》 *Digital Recension of the Eastern Han Chinese Grammaticon*. UC Berkeley, Department of Linguistics, Ph.D. Dissertation. (~1800 p.)

1995 *The Etymology of Chinese 辰 Chén*. Monograph volume of the journal *Linguistics of the Tibeto-Burman Area* (LTBA), Volume #18.2. STEDT, UC Berkeley, Dept. of Linguistics: Fall 1995. (~255 p.)

1992 *United States Peace Corps Marshallese Language Training Manual*. Majuro, Republic of the Marshall Islands: United States Peace Corps. (~100 p.)

Teaching (Selected)

1996-8 Newbury College: Department of ESL; Division of Continuing Education; Brookline, MA
1993-4 辽宁省锦洲师范大学 Jinzhou Teachers College, Dept. of English
1993-4 辽宁省锦州石油化工公司 Jinzhou Petrochemical Corporation, Liaoning, PRC

Papers, Projects & Presentations (Selected)

- 拉祜語辭典 *The Electronic Dictionary of Lahu*. *<http://linguistics.berkeley.edu/~rscook/cgi/lahu.html>*, 2009-. [Searchable online version of Matisoff 1988b; 1973a.]
- 西夏文統一碼工程 *The Tangut UCS Encoding Project*. *<http://linguistics.berkeley.edu/~rscook/UTC/Tangut/>*, 2006-. [Project Editor]
- "Unencoded Scripts of China". Internationalization and Unicode Conference (IUC-32), San Jose, CA, 2008.
- "The Character Description Language (CDL) NEH Digital Humanities Start-up". IUC-31, San Jose, CA, 2007. [Reporting on the NEH ODH Award.]
- "Unicode on the Front Lines: The Tangut Encoding Project". IUC-31, San Jose, CA, 2007.
- "Managing encoding data: CDL & UniHan." IUC-29, San Francisco, CA, 2006.i
- "Classical Chinese Combinatorics." Presentations introducing the new book: *Institute of History and Philology, Academia Sinica*, Taiwan; *National Taiwan University*. June, 2006. *<http://linguistics.berkeley.edu/~rscook/html/Cook-CCC-abstract.html#ccc>*
- "New digital resources for historical Chinese linguistics." *Institute of Linguistics, Academia Sinica*, Taiwan. June, 2006.
- "Unicode Chinese paleography: making the evolutionary leap from bone, bronze, silk, and paper, to electronic bits." Invited speaker, *Early China Workshop Series*. Dept. of East Asian Languages and Civilizations, University of Chicago (EALC, Feb. 2005).
- "Conversion of legacy linguistic transcription data to Unicode 4.x." *Linguistic Society of America* (LSA). 79th Annual Meeting, Oakland, CA, 2005.
- "A Specification of CDL (CJKV Character Description Language)" [with Tom Bishop] Wenlin Institute, 2003. (Core CDL specification document; *<http://www.wenlin.com/cdl/>*.)
- "The Set of Basic Stroke Types" [with Tom Bishop] Wenlin Institute, 2003. (Core CDL specification document; *<http://www.wenlin.com/cdl/>*.)
- "UniHan Variation: Issues and Solutions". IUC-23, Prague, Czech Republic, 2003.
- "CJK Unified Ideographs Extension C." IUC-22, San Jose, CA, 2002.
- "Typological Encoding of Chinese: Characters, Not Glyphs." IUC-19, San Jose, CA, 2001.
- "The Extreme of Typographic Complexity: Character Set Issues Relating to Computerization of The Eastern Han Chinese Lexicon Shuo Wen Jie Zi." IUC-18, Hong Kong, 2001.
- "Universal Foci and Varying Boundaries in Linguistic Color Categories." (Terry Regier, Paul Kay and Richard Cook.) Presented at the 27th Meeting of the Cognitive Science Society (2005). Stresa, Italy.
- "The World Color Survey database: History and use." (Richard Cook, Paul Kay, and Terry Regier.) In Henri Cohen and Claire Lefebvre (Eds.), *Handbook of Categorization in Cognitive Science*. Elsevier.
- "Digital Recension of the Eastern Hàn Chinese Grammaticon". ICSTLL-37, Lund University, Sweden, October, 2004.
- "Word Families in Sino-Tibetan". ICSTLL-35, Arizona State University, November, 2002.
- "The Sino-Tibetan Etymological Dictionary and Thesaurus: STEDT Project Data Resources and Protocols". (Presented with John Lowe) 33rd International Conference on Sino-Tibetan Languages and Linguistics (ICSTLL-33), Bangkok, October, 2000.
- "Making Waves in Proto-Sino-Tibetan: Ripples of PST WAVE". ICSTLL-33.