**Curriculum Vitae**

**William A. Kretzschmar, Jr.**

1. **Academic History**.

William A. Kretzschmar, Jr.

Professor of English (1995)

Tenured (1989)

Graduate Faculty Member (1987)

Ph.D. in English, University of Chicago, 1980.

Dissertation: The Literary-Historical Context of Henryson's *Fabillis*

M.A. in Medieval Studies, Yale University, 1976.

A.B. in Medieval Studies with High Honors, University of Michigan, 1975.

Professional Employment History.

Harry and Jane Willson Professor in Humanities, University of Georgia, 2004-.

Docent, University of Oulu, Finland, 2010-.

Research Professor, University of Glasgow, 2013-17.

Visiting Professor, University of Michigan, Spring 2008.

American Dialect Society Professor, LSA Linguistic Institute, MIT, 2005.

Professor of English and Linguistics, University of Georgia, 1995-2004.

Associate Professor of English and Linguistics, University of Georgia, 1989-95.

Assistant Professor of English, University of Georgia, 1986-89.

Assistant Professor of English, University of Wisconsin-Whitewater, 1982-86.

Director of Summer School, Acad. Adviser, Mundelein College, Chicago, 1979-81.

(Part-time Instructor at Mundelein College, University of Chicago, Chicago State University, and Loyola University of Chicago, 1977-1982).

2. **Resident Instruction**

Percent Time Allocations (since tenure in 1989).

1989-90: 3 courses teaching, 6 units research and administration.

1990-91: 2 courses teaching, 7 units research and administration.

1991-92: 3 courses teaching, 6 units research and administration.

1992-93: 3 courses teaching, 6 units research and administration.

1993-94: 3 courses teaching, 6 units research and administration.

1994-95: 3 courses teaching, 6 units research and administration.

1995-96: 2 courses teaching (one deferred till 1996-97), 7 units research and administration.

1996-97: 3 courses teaching (one carried over from 1995-96), 7 units research and administration.

1997-98: 3 courses teaching (one banked for later use), 7 units research and administration.

1998-99: 3 courses teaching (one banked for later use), 7 units research and administration.

1999-2000: 3 courses teaching, 6 units research and administration.

2000-2001: 3 courses teaching (use of one banked course), 6 units research and administration.

2001-2002: 3 courses teaching, 6 units research and administration.

2002-2003: 3 courses teaching, 6 units research and administration.

2003-2004: 3 courses teaching, 6 units research and administration.

2004-2005: 2 courses teaching, 7 units research and administration. (extra course at UGA at Oxford; summer course at MIT).

2005-2006: 2 courses teaching, 7 units research and administration.

2006-2007: 2 courses teaching, 7 units research and administration. (extra course at UGA)

2007-2008: 2 courses teaching, 7 units research and administration. (two extra courses at Michigan)

2008-2009: 2 courses teaching, 7 units research and administration

2009-2010: 2 courses teaching, 7 units research and administration

2010-2011: 2 courses teaching, 7 units research and administration

2011-2012: 2 courses teaching, 7 units research and administration (two summer courses at Oulu)

2012-2013: 2 courses teaching, 7 units research and administration

2013-2014 2 courses teaching (taught at Oxford), 7 units research and administration

2015-2016: 2 courses teaching, 7 units research and administration

2016-2017: 2 courses teaching, 7 units research and administration

2017-2018: 2 courses teaching, 7 units research and administration

Faculty membership

English, 1986-

Linguistics, 1989-2010, Adjunct Member 2017-

Fellow, Artificial Intelligence, 2011-

Courses Taught (before1989 \*= courses developed de novo )

Undergraduate: Freshman English (remedial, first course, second course, computer assisted), \*Freshman English: Greek Drama, Introduction to Literature, Survey of British Literature to 1700/1800, Introduction to Medieval Romance, \*Language and the English Language, Development of Modern English, \*History of the English Language, \*Medieval Literature excluding Chaucer, \*Special Topics in Linguistics: American English, Independent Study: \*Old French, Applied Study in Writing: \*Internship on JEngL, World Literature: Ancient and Medieval, Dialectology.

Graduate: Development of Modern English, \*History of the English Language, World Literature: Ancient and Medieval, Dialectology, Study of the English Language: \*American English.

Courses Taught (since 1989).

Winter 90 ENG 300 26 Intro to the English Language

Winter 90 ENG 231 30 British Lit Survey I

Spring 90 ENG 400/600 17/6 History of the English Language

Spring 90 ENG 900 1 Directed Study (Medieval Literary Theory)

Summer 90 LIN 400/600. 1/1 History of the English Language

Fall 90 ENG 402/LIN 402 25/5 Language Variation

Winter 91 ENG 607/ENG 496/LIN 607 3/1/2 Middle English

Winter 92 ENG 300 30 Intro to the English Language

Winter 92 ENG 423 30 Mdvl Lit excl. Chaucer: Lit in the Age of Columbus

Spring 92 ENG 602/LIN 602 6/2 Language Variation

Summer 92 ENG 900 1 Directed Study (Hist of the English Lang)

Fall 92 ENG 300 29 Intro to the English Language

Fall 92 ENG 700 1 Directed Study

Winter 93 ENG 231 120 British Lit Survey I

Winter 93 ENG 402/LIN 402 22/6 Language Variation

Spring 93 ENG 900 1 Directed Study (Medieval Literary Theory)

Winter 94 ENG 300 25 Intro to the English Language

Winter 94 ENG 400/LIN 400 24/3 History of the English Language

Spring 94 ENG 401/601 LIN 401/601 ENG 10/1, LIN 2/2. American English

Fall 94 ENG 400/LIN 400 27/5 History of the English Language

Fall 94 ENG 896 3 Directed Study (Hist English Language)

Winter 95 ENG 402/602 LIN 402/602 ENG 13/0, LIN 4/3. Language Variation

Winter 95 ENG 607 5 Middle English

Fall 95 ENG 629 7 English Literature to 1500

Fall 95 ENG 900 1 Directed Study (Medieval Literary Theory)

Fall 95 LIN 700 1 Directed Study

Winter 96 ENG 900 1 Directed Study (Saussure and Chomsky)

Spring 96 ENG 401/601 LIN 401/601 ENG 14/7, LIN 5/6. American English

Spring 96 LIN 900 2 Directed Study (Corpus Linguistics)

Winter 97 ENG 231 120 British Lit Survey I

Winter 97 LIN 900 3 Directed Study (Language Variation)

Spring 97 ENG 602/LIN 602 5/8 Language Variation

Spring 97 ENG 810/LIN 810 2/1 Corpus Linguistics

Summer 97 LIN 210 28 The Study of Language

Fall 97 ENG 401/601 LIN 401/601 ENG 10/10, LIN 5/5. American English

Fall 97 LIN 210 100 The Study of Language

Spring 98 ENG 900 1 Directed Study (Medieval Literary Theory)

Fall 98 LING 8020 11 Language Variation

Spring 99 LING 4860/6860 15/15 Sociolinguistics

Spring 99 ENGL 8100 8 Seminar: Literary Dialect

Spring 99 LING 9010 3 Directed Study (Social Networks, Perceptual Dialectology, Corpus Linguistics)

Fall 99 ENGL/LING 3030 30/4 Introduction to the English Language

Fall 99 ENGL/LING 6010 10/6 American English

Fall 99 LING 8980 4 Seminar in Lg. Variation: Research Methods

Spring 00 LING 8980 5 Seminar in Lg. Variation: Research Methods

Fall 00 LING 8080 7 Sem Linguistic Theory: Impressionistic Phonetics

Spring 01 ENGL/LING 4010 10/11 American English

Spring 01 ENGL 8200 3 Medieval Seminar: Romance

Fall 01 ENGL/LING 3020 8/9 Language Variation

Fall 01 LING 8020 15 Language Variation

Fall 01 FRES 1010 5 Freshman Seminar: American English Online

Spring 02 ENGL/LING 4100/6100 30 Lexicography

Fall 02 HONS 1990H 10 Honors Seminar: American English

Fall 02 ENGL 8960 1 Directed Reading: Oxford

Fall 02 LING 8980/ENGL 8100 9 Seminar: Language and Identity

Spring 03 ENGL/LING 3020 23 Language Variation

Spring 03 ENGL 4190/6190/LING 8980 19 Text and Corpus Analysis

Fall 03 HONS 1990H 6 Honors Seminar: American English

Fall 03 ENGL/LING 4010 12 American English

Fall 03 LING/ANTH 4860 22 Sociolinguistics

Fall 03 LING 8020 13 Language Variation

Fall 04 CLAS/LING 2010/ENGL/LING 4190 15 English Words

Spring 05 ENGL/LING 4100/6100 20 Lexicography

Spring 05 LING 8020 7 Language Variation

Summer 05 LSA 205 c. 50 Dialectology: Feature-Based Analysis (at MIT)

Fall 05 ENGL/LING 4000/6000 34 History of the English Language

Fall 05 ENGL/LING 4886/6886 27 Text and Corpus Analysis

Fall 05 HONS 1990H 8 Honors Seminar: American English

Fall 06 ENGL/LING 4010/6010 31 American English

Fall 06 ENGL 4190/6190/LING 8080 25 Linguistics of Speech

Fall 06 HONS 1990H 4 Honors Seminar: Roswell Voices

Fall 06 LING 9010 1 Directed Study (Research Methods)

Spring 07 ENGL/LING 4190/6190 16 Computer Programming for English Lg, Lx

Fall 07 ENGL/LING 4886/6886 18 Text and Corpus Analysis

Fall 07 HONS 1990H 10 Honors Seminar: Roswell Voices

Fall 07 HONS 4801 1 Directed Study (UGA Press Internship)

Spring 08 ENGL 305 75 Intro to Modern English (at U of Michigan)

Spring 08 ENGL/LING 406 10 English Grammar (at U of Michigan)

Fall 08 HONS 3040H 14 Intro to Research in Humanities and Social Sciences

Fall 08 ENGL 4825/6830 13 Topics in Literary Theory: Style

Fall 08 LING 8020 15 Language Variation

Fall 09 HONS 3010H 14 Intro to Research in Humanities and Social Sciences

Fall 09 ENGL/LING 4010/6010 38 American English

Fall 09 ENGL/LING 4886/6886 20 Text and Corpus Analysis

Spring 10 HONS 4801 3 Directed Study: Cognitive Issues for African American English

Fall 10 HONS 3010H 17 Intro to Research in Humanities and Social Sciences

Fall 10 ENGL/LING 4050/6050 44 History of the English Language

Fall 10 ENGL/LING 4080/6080 21 Language Variation and the Linguistics of Speech

Fall 11 FYOS 1001 14 The New Humanities and New Science: Complex Systems

Fall 11 ENGL/LING 4010/6010 26 American English

Spring 12 HONS 3010H 13 Intro to Research in Humanities and Social Sciences

Spring 12 ENGL 4826/6826 20 Style: Language, Genre, Cognition

Summer 12 Complex Systems (at Univ of Oulu, Finland)

Summer 12 Linguistic Maps and GIS (at Univ of Oulu, Finland)

Fall 12 FYOS 1001 14 Globalization and the English Language

Spring 13 HONS 3010H 9 Intro to Research in Humanities and Social Sciences

Spring 13 ENGL/LING 4050/6050 31 History of the English Language

Spring 13 ENGL/LING 4080/6080 16 Language Variation and the Linguistics of Speech

Fall 13 ENGL 4190/CLAS 2010 13 English Words (at Oxford)

Fall 13 ENGL 4890 6 Topics: Complex Systems (at Oxford)

Winter 15 Corpus Studies (at Univ of Oulu, Finland)

Fall 15 ENGL/LING 4050/6050 26 History of the English Language

Fall 15 ENGL/LING 6885 8 Introduction to Digital Humanities

Fall 16 ENGL/LING 4080/6080 21 Language Variation and the Linguistics of Speech

Fall 16 ENGL 4826/6826 13 Style: Language, Genre, Cognition

Fall 17 ENGL/LING 4005/6005 23 History of the English Language

Fall 17 ENGL/LING 4885/6885 12 Introduction to Digital Humanities

Curricular Innovation (since 1989).

Designed and proposed ENG 300 (ENGL/LING 3030) Introduction to the English Language. First taught Winter 1990.

Revised ENG 607 (ENGL/LING 6070) Middle English (no longer literature, now a course on language change). First taught Winter 1991.

Designed and proposed ENGL/LING 401/601 (4010/6010) American English. First taught Spring 1994.

Designed and proposed UNIV 1120 Online@UGA: Computer/Information Literacy (2001). First taught as FRES 1010 (1999-2000), UNIV 1120 Topics (2000-2001).

Designed and proposed ENGL/LING 4886/6886 Text and Corpus Analysis (2004). First taught as ENGL/LING 4190/6190 (2003).

Designed and proposed ENGL/LING 4080/6080 Language Variation and the Linguistics of Speech (2006). First taught as ENGL/LING 4190/6190 (2006).

Designed and proposed ENGL 4826/6826 Style: Language, Genre, Cognition (2010). First taught as ENGL 4825/6830 Topics in Literary Theory: Style (2008).

Teaching Innovation (since 1989).

Wrote and distributed LAMSASplot program to ENG/LIN 401, 402 classes; the disk contained a set of Linguistic Atlas databases with the access program, for primary research on language variation in campus computer laboratories as a regularly-occurring, required part of the course.

Instructional Technology Grant, 1994, "Corpus Linguistics and Atlas Databases," $16,000. This grant allows access by electronic mail, for local teaching and distance learning, to Linguistic Atlas materials and ICAME corpora. Taught first UGA course on Corpus Linguistics (as ENG/LIN 810) in 1997.

Prepared the LAMSAS Web site, which allows interactive access to Linguistic Atlas data; used I n 401/601 (4010/6010) to allow students to do primary research on language variation as a regularly-occurring, required part of the course. Second generation of the LAMSASplot program.

Developed "Online@UGA," a one-credit course for new students in Computer and Information Literacy. Taught as FRES 1010 in 1999-2000, and as UNIV 1120 in 2000-2001.

3. **Scholarly Activities**.

3a. Publications.

Books written or co-written.

*Language and Complex Systems*. Cambridge: Cambridge University Press, 2015.

*The Linguistics of Speech.* Cambridge: Cambridge University Press, 2009. Paperback edition, 2012. [rev. *LinguistList* (2009), *American Speech* 85 (2010), *Journal of Language and Social Psychology* 29 (2010), *English World Wide* 32 (2011), *Journal of English Linguistics* 40 (2012).]

*Introduction to Quantitative Analysis of Linguistic Survey Data: Atlas by the Numbers.* (with Edgar Schneider). Thousand Oaks, CA: Sage Publications, 1996.

Books edited or co-edited.

*Oxford English Dictionary*, 3rd edition online (ongoing). American pronunciation consultant, consultant for content on vrr. entries.

*Routledge Dictionary of Pronunciation for Current English*. London: Routledge, 2017 [with Clive Upton]

*Studies in the History of the English Language 5. Variation and Change in English Grammar and Lexicon: Contemporary Approaches.* Lead editor, with Robert Cloutier and Anne Marie Hamilton-Brehm. Berlin: Mouton de Gruyter, 2010.

*New Oxford American Dictionary*. New York: Oxford University Press, 2001. (Advisory Board; pronunciation editor, with others; front essay, as below). 2nd ed., 2005. 3rd ed., 2010.

*Oxford Dictionary of Pronunciation for Current English*. American editor, with Clive Upton (British editor) and Rafal Konopka. Oxford: Oxford University Press, 2001. Paperback edition, 2003.

Derivative dictionaries with WAK pronunciations :*Oxford American College Dictionary*. New York: Putnam, 2002; *Oxford Essential Dictionary of the US Military.* New York: Oxford University Press, 2001; *Oxford Desk Dictionary of People and Places.* New York: Oxford University Press, 1999 (appeared 2000); *Oxford Essential Biographical Dictionary.* American Edition. New York: Berkley Books, 1999 (appeared 2000); *Oxford Essential Geographical Dictionary.* American Edition. New York: Berkley Books, 1999 (appeared 2000).

*Handbook of the Linguistic Atlas of the Middle and South Atlantic States.*  University of Chicago Press, 1993. (editor-in-chief, with V. McDavid, T. Lerud, and E. Johnson).

*Basic Materials: Linguistic Atlas of the Middle and South Atlantic States and Affiliated Projects.* Chicago Microfilm MSS on Cultural Anthropology, gen. ed. Norman McQuown. Series 68.360-64, 69.365-69, 71.375-80. Chicago: Joseph Regenstein Library, University of Chicago, 1982-86. (microfilm, c. 130K pages; ed. with R. McDavid, G. Hankins, et al.)

*Dialects in Culture: Essays in General Dialectology by Raven I. McDavid, Jr.*  University, AL: University of Alabama Press, 1979. (principal editor, with asst. of Lee Pederson, Roger Shuy, Gerald Udell, and James B. McMillan)

Monographs/Special Issues.

*Dialectometry*, ed. with John Nerbonne. *Literary and Linguistic Computing: Journal of Digital Scholarship in the Humanities* 28.1. [special issue, 2013]

*Progress in Dialectometry*, ed. with John Nerbonne, *Literary and Linguistic Computing* 21.4 [special issue, 2006]

*Roswell Voices, Phase 2*, with Claire Andres, Rachel Votta, and Sasha Johnson. Roswell: Roswell Folk and Heritage Bureau, 2006. [booklet and CD]

*Roswell Voices*, with Becky Childs, Bridget Anderson, and Sonja Lanehart. Roswell: Roswell Folk and Heritage Bureau, 2004. [booklet and CD]

*Computational Techniques in Dialectometry*, ed. with John Nerbonne, *Computers and the Humanities* 37.3 [special issue, 2003]

*Literary Dialect Analysis with Computer Assistance*. *Language and Literature* 10.2 [special issue, 2001].

*Dynamics of a Sociolinguistic System: English Plural Formation in Augusta, Georgia*, by †Michael I. Miller, ed. with Ronald Butters and Claiborne Rice *Journal of English Linguistics* 27.3 [special issue prepared separately as a book, 1999].

*Ebonics*. Ed. *Journal of English Linguistics* 26.2 [special issue prepared separately as a book, 1998].

*American English: Current Research*. Ed. *Journal of English Linguistics* 24.4. [special issue prepared separately as a book, 1996].

*Essays in Memory of Harold B. Allen.* Ed. *Journal of English Linguistics* 23.1 and 2. [special prepared separately as a book, 1995 for 1990-1995].

*Computer Methods in Dialectology*. Ed., with Edgar Schneider and Ellen Johnson. *Journal of English Linguistics* 22.1 [special issue prepared separately as a book, 1990 for 1989].

Chapters in books.

Addressing “Emergence” in a HEL Classroom. In M. Hayes and A. Burkette, eds., *Approaches to Teaching the History of the English Language: Pedagogy in Practice* (Oxford: Oxford University Press, 2017), 117-139.

Digital Humanities and Big Data. In Jane Roberts and Trudi Darby, eds, (Newcastle: Cambridge Scholars Publishing, 2017), 255-266.

Good Maps, in *From Semantics to Dialectometry*, *Tributes 32*, ed by. M. Wieling, M. Kroon, G. van Noord, and G. Bouma (London: College Publications, 2017), 211-220.

Roswell Voices: Community Language in a Living Laboratory. In K. Corrigan and A. Mearns, eds., *Creating and Digitizing Language Corpora* (London: Palgrave, 2016), 159-176.

African American Voices in Atlanta. In Sonja Lanehart, ed., *Oxford Handbook of African American Language* (New York: Oxford University Press, 2015), 219-235.

Complex Systems *and* the History of the English Language. In M. Adams, ed., *Studies in the History of the English Language VI: Evidence and Method in Histories of English* (Berlin: de Gruyter, 2015), 277-305.

Emergence of “New Varieties” in Speech as a Complex System. In Sarah Buschfeld, Thomas Hoffmann, Magnus Huber and Alexander Kautzsch, eds., *The Evolution of Englishes*. (Amsterdam: John Benjamins, 2015), 142-159.

Complex Systems in the History of American English. In Irma Taavitsainen, Merja Kÿto, Claudia Claridge, and Jeremy Smith, eds., *Developments in English: Expanding Electronic Evidence*  (Cambridge: Cambridge University Press, 2014), 251-264.

Complex Systems in Aggregated Variation Analyses. In Benedikt Szmrecsanyi and Bernhard Wälchli, eds., *Aggregating Dialectology, Typology, and Register Analysis: Linguistic Variation in Text and Speech* (Berlin: De Gruyter, 2014), 150-173.

Computer Mapping of Language Data. In Manfred Krug and Julia Schlueter, eds., *Research Methods in Language Variation and Change* (Cambridge: Cambridge University Press, 2013), 53-68. [appeared 2014]

Making Sociolinguistic Data Accessible. In *Data Collection in Sociolinguistics*, ed. by Christine Mallinson, Becky Childs, and Gerard Van Herk (London: Routledge, 2013), 206-209.

GIS for Language and Literary Study. In Ray Siemens and Ken Price, eds., *Literary Studies in a Digital Age: An Evolving Anthology*, New York: MLA, 2013. [online http://dlsanthology.dev.mlacommons.org/]

The Idea of Standard American English. In Raymond Hickey, ed., *Standards of English: Codified Varieties around the World* (Cambridge: Cambridge University Press, 2012), 139-158. [with Charles Meyer]

Evidence from Surveys and Atlases in the History of the English Language. In Terttu Nevalainen and Elizabeth Traugott, eds., *The Oxford Handbook of the History of English*(Oxford: Oxford University Press, 2012), 111-122. [with Merja Stenroos]

Language and Region. In R. Mesthrie, ed., *Cambridge Handbook of Sociolinguistics*  (Cambridge University Press, 2011), 186-202.

The Beholder’s Eye: Using Self-Organizing Maps to Understand American Dialects. In Michael Adams and Anne Curzan, eds., *Contours of English* (Ann Arbor: University of Michigan Press, 2011), 53-70.

Issues in Using Legacy Data. In M. Di Paolo and M. Yaeger-Dror, eds. *Sociophonetics* (London: Routledge, 2010), 46-57. [with Paulina Bounds and Naomi Palosaari]

Introduction. In *Studies in the History of the English Language 5. Variation and Change in English Grammar and Lexicon: Contemporary Approaches* (Berlin: Mouton de Gruyter, 2010), 1-10. [with Robert Cloutier and Anne Marie Hamilton-Brehm]

The Development of Standard American English. In *Handbook of World English*, edited by Andy Kirkpatrick (London: Routledge: 2010), 96-112.

Detecting Geographic Associations in English Dialect Features in North America with Self-Organising Maps. In *Self-Organising Maps: Applications in GI Science*, edited by P. Agarwal and A. Skupin (London: Wiley, 2008), 87-106. [with J. Thill, I. Casas, and X. Yao]

Linguistic Atlas of the Middle and South Atlantic States. In *New Encyclopedia of Southern Culture*, Vol. 5: Language, ed. by M. Montgomery and E. Johnson (Chapel Hill: University of North Carolina Press, 2007), 147-149.

Raven I. McDavid, Jr. In *New Encyclopedia of Southern Culture*, Vol. 5: Language, ed. by M. Montgomery and E. Johnson (Chapel Hill: University of North Carolina Press, 2007), 154-156.

The Relevance of Community Language Studies to HEL: The View from Roswell. In Christopher Cain and Geoffrey Russom, eds., *Managing Chaos: Strategies for I dentifying Change in English,* Studies in the History of the English Language, 3 (Berlin: Mouton de Gruyter, 2007), 173-186. [with Sonja Lanehart, Bridget Anderson, and Becky Childs]

Standard American English Pronunciation. In *A Handbook of Varieties of English*, vol. 1 (Phonology), edited by Bernd Kortmann and Edgar Schneider, with Kate Burridge, Rajend Mesthrie, and Clive Upton (Berlin: Mouton de Gruyter, 2005), 257-269.

Regional Varieties of American English. In *Language in the USA*, 2nd ed., edited by Edward Finegan and John Rickford, (Cambridge: Cambridge University Press, 2004), 39-57. Repr. in S. Blum, ed., *Making Sense of Language: Readings in Culture and Communication* (New York: Oxford University Press, 2013), 357-371.

Dialectology and the History of the English Language. In *Studies in the History of English: A Millennial Perspective,* ed. by Donka Minkova and Robert Stockwell (Berlin: Mouton de Gruyter, 2002), 79-108.

American English: Melting Pot or Mixing Bowl? In K. Lenz and R. Möhlig, eds, *Of Dyuersitie & Chaunge of Langage: Essays presented to Manfred Görlach* (Heidelberg: C. Winter, 2002), 224-239.

Corpus Linguistics and Sociolinguistics. In Raj Mesthrie, ed., *The Concise Encyclopedia of Sociolinguistics* (Oxford: Pergamon, 2002), 765-769. [with M. Sebra and S. Fligelstone]

Linguistic Databases of the American Linguistic Atlas Project. In Steven Bird, Peter Buneman, and Mark Liberman, eds., *Proceedings of the IRCS Workshop on Linguistic Databases* (Philadelphia: Institute for Research in Cognitive Science, University of Pennsylvania; National Science Foundation, 2001), 157-166.

American Voices. In Frank Abate and Elizabeth Jewell, eds., *New Oxford American Dictionary* (New York: Oxford University Press, 2001), xxvii-xxxvii.

The Future of Dialectology. In Clive Upton and Katie Wales, eds., *Dialectal Variation in English: Proceedings of the Harold Orton Centenary Conference 1998*. *Leeds Studies in English* Vol. 30, 1999 (2000), 271-88.

A Guide to the History of American Dialects with Special Reference to Pronunciation. In *A Guide to the History of the Phonetic Sciences in the United States*, edited by John J. Ohala, Arthur J. Bronstein, Grazia Busàà, Julie A. Lewis, and William F. Weigel (Berkeley, CA: International Congress of Phonetic Sciences, 1999). [with Lee Pederson].

American English. In *Microsoft Encarta* *99 Encyclopedia.* CD-ROM. Microsoft Corporation. 1999. [included in subsequent annual releases].

Uses of Inferential Statistics in Corpus Studies. InMagnus Ljung, ed., *Corpus-based Studies in English*, 167-77. Amsterdam: Rodopi, 1997/1999. [with C. Meyer, D. Ingegneri].

Preface. In *Handbook of Perceptual Dialectology*, edited by Dennis Preston (Amsterdam: John Benjamins, 1999), xvii-xviii.

Analytical Procedure and Three Technical Types of Dialect. In *From the Gulf States and Beyond: The Legacy of Lee Pederson and LAGS*, edited by M. Montgomery and T. Nunnally, 167-85. Tuscaloosa: University of Alabama Press, 1998.

Exempla. In *Medieval England: An Encyclopedia*, edited by Paul Szarmach, Tess Tavormina, and Joel Rosenthal , 282-83. New York: Garland,1998.

Modeling Language Variation. In *Proceedings of the Ninth International Conference on Methods in Dialectology*, edited by Alan Thomas , 14-21. Bangor: Dept. of Linguistics, Univ. of Wales, 1998. [with R. Celis]

Generation of Linguistic Feature Maps with Statistics. In *Language Variety in the South Revisited*, edited by C. Bernstein, T. Nunnally, and R. Sabino , 392-416. Tuscaloosa: University of Alabama Press, 1997.

Computer-Assisted Study of American English Lexical Data. In *From AElfric to the New York Times: Studies in English Corpus Linguistics*, edited by Udo Fries, Viviane Müller, and Peter Schneider , 239-47. Amsterdam, Atlanta: Rodopi, 1997.

American English for the 21st Century. In *Englishes Around the World: Studies in Honor of Manfred Görlach*. Vol 1: General Studies, British Isles, North America, edited by Edgar Schneider, 307-23. Amsterdam: John Benjamins, 1997.

Foundations of American English. In *Focus on the USA,* edited by Edgar Schneider, 25-50. Philadelphia: John Benjamins, 1996.

Raven I. McDavid, Jr. In *Lexicon Grammaticorum*, edited by Harro Stammerjohann, 618-19. Tübingen: Niemeyer, 1996 [with L. Pederson].

Interactive Computer Mapping for the Linguistic Atlas of the Middle and South Atlantic States (LAMSAS). In *Old English and New: Essays in Language and Linguistics in Honor of Frederic G. Cassidy*, edited by N. Doane, J. Hall, and R. Ringler , 400-14. New York: Garland, 1992.

Dialects: Traditions in Culture and Innovations in Analysis. In *Papers from the Fifteenth Annual Meeting of the Atlantic Provinces Linguistic Association,* edited by W. J. Davey and Bernard LeVert , 38-63. Syndey, NS: UCCB, SSHRC, 1992.

Modern American Dialect Study. In *Proceedings from the 4th Nordic Conference for English Studies*, edited by G. Caie et al., 1.231-41. Copenhagen: Univ. of Copenhagen, 1990.

LAMSAS Goes SASsy: Statistical Methods and Linguistic Atlas Data. In *Computer Methods in Dialectology*, edited by W. Kretzschmar, E. Schneider, and E. Johnson (special issue of Journal of English Linguistics, see Monographs/Special Issues), 129-41 (with Edgar Schneider).

Phonetic Display and Output. In *Computer Methods in Dialectology*, edited by W. Kretzschmar, E. Schneider, and E. Johnson (special issue of Journal of English Linguistics, see Monographs/Special Issues), 47-53.

Raven I. McDavid, Jr. (1911-1984). In *Encyclopedia of Southern Culture*, edited by C. Wilson and W. Ferris , 789-90 Chapel Hill: University of North Carolina Press, 1989.

Computers and the American Linguistic Atlas. In *Methods in Dialectology: Proceedings of the Sixth International Conference on Methods in Dialectology*, edited by A. Thomas , 200- 24. Clevedon: Multilingual Matters, 1988.

English in the Middle Ages: The Struggle for Acceptability. In *The English Language Today*, edited by Sidney Greenbaum , 20-29. Oxford: Pergamon, 1985.

Bibliography of Raven I. McDavid, Jr.'s Writings. In *Varieties of American English: Essays by Raven I. McDavid, Jr.*, edited by Anwar Dil , 356-83. Stanford: Stanford University Press, 1980.

The Life of St. Mary the Egyptian. In *Sources for the Study of High Medieval Culture 1100-1 300*, edited by Nicholas Steneck et al., 135-52. Ann Arbor: MARC, University of Michigan, 1976. [with J. D. Robertson; translation from Old French]

Juried journal articles.

Raven McDavid. *Menckeniana.* Summer 2017: 1-5.

Methods for Transcription and Forced Alignment of a Legacy Speech Corpus. *Proceedings of Meetings on Acoustics*. Jul 2017: 1-13. [with R. Miller, M. Olsen, M. Renwick]

Region Estimation for Dialect Features Using a Cellular Automaton. *Journal of English Linguistics* 44 (2016): 4-33. [with Ilkka Juuso]

Obituary: Lee Pederson. *American Speech* 90 (2015): 289-290.

Computer Simulation of Dialect Feature Diffusion. *Journal of Linguistic Geography* 2 (2014): 41-57. [with Ilkka Juuso and Thomas Bailey]

Simulation of the Complex System of Cultural Interaction: Digital Visualizations. *Literary and Linguistic Computing* 29 (2014): 432-442. doi: 10.1093/llc/fqu015 [with Ilkka Juuso]

The Digital Archive of Southern Speech (DASS). *Southern Journal of Linguistics* 37.2 (2013): 17-38. [appeared 2014; with Paulina Bounds, Jacqueline Hettel, Lee Pederson, Ilkka Juuso, Lisa Lena Opas-Hänninen, Tapio Seppänen]

Scaled Measurement of Geographic and Social Speech Data. *Literary and Linguistic Computing* 28 (2013): 173-187. [with Brendan Kretzschmar, Irene Brockman]

Variation in the Traditional Vowels of the Eastern States. *American Speech* 87 (2012): 378-390. [appeared 2013]

Language Variation and Complex Systems. *American Speech* 85 (2010): 263-286.

Library Collaboration with Large Digital Humanities Projects. *Literary and Linguistic Computing* 25 (2010): 1-7. [with William Gray Potter]

Large-Scale Humanities Computing Projects: Snakes Chasing Tails, or Every End is a New Beginning? *Digital Humanities Quarterly* 3 n2 (Spring 2009), http://www.digitalhumanities.org/dhq/

In the Profession: Habeas Corpus? *Journal of English Linguistics* 37 (2009): 88-92.

Neural Networks and the Linguistics of Speech. *Interdisciplinary Science Reviews* 33 (2008): 336-356.

Language in the Deep South: Southern Accents Past and Present. *Southern Quarterly* 45 (2008): 9-27.

Public and Academic Understandings about Language: The Intellectual History of Ebonics. *English World Wide* 29 (2008): 70-95.

What's in the Name "Linguistics" for Variationists. *Journal of English Linguistics* 35 (2007): 263-277.

Pronunciation Keys in American Dictionaries. *Dictionaries* 27 (2006), 127-132.

Art and Science in Computational Dialectology. *Literary and Linguistic Computing* 21 (2006), 399-410.

Progress in Dialectometry: Toward Explanation. *Literary and Linguistic Computing* 21 (2006), 387-398. [with John Nerbonne].

Collaboration on Corpora for Regional and Social Analysis. *Journal of English Linguistics* 34 (2006), 172-205. [with J. Anderson, J. Beal, B. Plichta, K. Corrigan, L. Opas-Hanninen]

Vingt anneés de l’American Linguistic Atlas. *Dialectologie et Géolinguistique* 13 (2004), 383- 400. [trans. Into French by Jean Le Dû]

Looking for the Smoking Gun: Principled Sampling in Creating the Tobacco Industry Document Corpus. *Journal of English Linguistics* 32 (2004), 31-47. [with Clayton Darwin, Cati Brown, Donald Rubin, and Douglas Biber]

Linguistic Atlases of the US and Canada. In *Needed Research in American Dialects*, ed. by Dennis Preston. *Publications of the American Dialect Society* 88 (2003), 25-48.

Distributional Foundations for a Theory of Language Change.*World Englishes* 22 (2003), 377- 401. [with Susan Tamasi]

Introducing Computational Techniques in Dialectometry. *Computers and the Humanities* 37 (2003), 245-255. [with John Nerbonne]

Mapping Southern English. *American Speech* 78 (2003), 130-149.

Teaching American English Online. *Journal of English Linguistics* 30 (2002), 318-327.

Following Kurath: An Appreciation. *Dictionaries* 23 (2002), 115-125.

Literary Dialect Analysis with Computer Assistance: An Introduction. *Language and Literature* 10 (2001), 99-110.

Frederic Cassidy: In Memoriam. *Journal of English Linguistics* 29 (2001), 4-6.

Postmodern Dialectology. *American Speech* 75 (2000), 10-12.

Dimensions of Variation in American English Vocabulary. *English World-Wide* 17 (1996), 189-211.

Why Dialectology? *RASK* 4 (1996), 35-49.

Quantitative Areal Analysis of Dialect Features. *Language Variation and Change* 8 (1996), 13- 39.

Mapping with Numbers. *Journal of English Linguistics* 24 (1996), 343-57. (With Deanna Light).

Management of Linguistic Databases. *Journal of English Linguistics* 24 (1996), 61-70. (With Rafal Konopka).

Dialectology and Sociolinguistics: Same Coin, Different Currency. *Language Sciences* 17 (1995), 271-82.

The Making of the LAMSAS Handbook. *SECOL Review* 19 (1995), 48-58.

The Oxford Concise Dictionary of Pronunciation. *RASK* 1 (1994), 83-93.

Spatial Analysis of Linguistic Data with GIS Functions. *International Journal of Geographical Information Systems* 7 (1993), 541-60 (with Jay Lee).

Isoglosses and Predictive Modeling. *American Speech* 67 (1992), 227-49. [reprinted in M. Linn, ed., *Handbook of Dialects and Language Variation* (Orlando: Academic Press, 1999), 151-72.]

Interactive Linguistic Mapping of Dialect Features. *Literary and Linguistic Computing* 7 (1992), 168-75 (with John Kirk).

Where is Dialectology Going II? *Quaderni di Semantica* 25 (1992), 115-21.

Caxton's Sense of History. *JEGP* 91 (1992), 510-28.

Whither Dialectology I. *Quaderni di Semantica* 24 (1991), 257-62. (Italy)

Bibliography of the Writings of Raven I. McDavid, Jr. *Journal of English Linguistics* 20 (1987), 13-37 (with P. Merman; major revision and updating of 1980 chapter).

From Manuscript to Print on a Budget. *Editors' Notes* 6.2 (1987), 11-19.

Adaptation and *anweald* in the Old English Orosius. *Anglo-Saxon England* 16 (1987), 127-45

Inside a Linguistic Atlas. *Proceedings of the American Philosophical Society* 130 (1986), 390- 405 (lead author following death of R. McDavid; with V. McDavid, T. Lerud, M. Ratliffe). [reprinted in M. Linn, ed., *Handbook of Dialects and Language Variation* (Orlando: Academic Press, 1999), 87-104.]

Names Not on the Map. *Names* 33 (1985), 216-24 (with R. McDavid, et al.).

Le Lai d'Haveloc. *Allegorica* 5 (1982, for 1980), 41-96 (translation from Old French).

Three Stories in Search of an Author: The Narrative Versions of Havelok. *Allegorica* (1982, for 1980) 5, 19-40.

A Reappraisal of Exodus 290b-291a. *Neophilologus* 66 (1980), 140-44.

Anglo-Saxon Historiography and Saints' Lives: Cynewulf's Elene. *Indiana Social Studies Quarterly* 33 (1980), 49-59.

Bulletins or reports.

Computer Needs. In *Needed Research in American English* (1983), edited by Thomas Clark. *Publications of the American Dialect Society* 71 (1984), 71-76. Rev. rpt. as part of A Report to the Congress of the United States on The State of the Humanities [New York: ACLS, 1985]).

Abstracts. Many associated with conference papers and in bibliographical publications.

Book reviews.

William Labov, *Principles of Linguistic Change*. Vol. 3, *American Speech* 90 (2015), 377-389.

Richard Bailey, *Speaking American, American Speech* 87 (2012), 109-111.

Diane Larsen-Freeman and Lynne Cameron, *Complex Systems and Applied Linguistics. Journal of English Linguistics* 39 (2011), 89-95.

Geoffrey Sampson, *Empirical Linguistics. Journal of English Linguistics* 34 (2006), 161-165.

William Labov, *Principles of Linguistic Change*. Vol. 2. *American Speech* 80 (2005), 321-330.

Robert Penhallurick, ed. *Debating Dialect: Essays on the Philosophy of Dialect Study*. *English World Wide* 23 (2002):156-158.

John Lawler and Helen Aristar Dry. *Using Computers in Linguistics*. *Journal of English Linguistics* 29 (2001), 188-190.

*SPSS Student Version 9.0 for Windows*. *Journal of English Linguistics* 28 (2000), 311-13.

Walt Wolfram and Natalie Schilling-Estes, *Hoi Toide on the Outer Banks. English World-Wide* 21 (2000), 160-63.

Lou Burnard, *British National Corpus Sampler*. *Journal of English Linguistics* 27 (1999), 381-84.

William Labov, *Principles of Linguistic Change*. Vol. 1 *American Speech* 71 (1996), 198-205.

James Milroy, *Linguistic Variation and Change*. *Journal of English Linguistics* 24 (1996), 259-61.

Walt Wolfram, *Dialects and American English. Journal of English Linguistics*. 24 (1996), 167- 68.

Dennis Preston, *American Dialect Research*. *Journal of Pidgin and Creole Languages* 10 (1996), 374-80.

Suzanne Romaine, *Language in Society: An Introduction to Sociolinguistics.*  *English World- Wide* 15 (1994), 273-75.

John Jacobs, *The Fables of Odo of Cheriton*. *Modern Philology* 84 (1987), 416-18.

Rebecca West, *Routine Complications*. *American Speech* 61 (1986), 277-80.

Richard Spears, *Slang and Euphemism: A Dictionary*. *American Speech* 57 (1982), 300-03.

Short Notices section of *Journal of English Linguistics* (generally one or more short reviews per issue, 1984-99).

Work in Progress.

Evidence about Profiling from Linguistic Survey Research. To appear in “Linguistic Profiling in Global Perspective,” ed. by John Baugh. [submitted]

American English: General Features. To appear in Dieter Wolff, ed., *English as a Foreign Language* (Mouton de Gruyter). [submitted]

Pronunciation in Dictionaries. In Patrick Hanks and Gilles-Maurice de Schryver, eds., *International Handbook of Lexis and Lexicography*. Berlin: Springer. [submitted. sched 2018]

Linguistic Atlases. In Charles Boberg, *Handbook of Dialectology* (Oxford: Wiley-Blackwell). [submitted, sched, for 2018]

Complex Systems and British Isles Survey Data. Under review in *Language and Literature*. [with Allison Burkette, submitted]

LAVIS: Where Are You Going, Where Have You Been? In*Language Variety in the New South: Change and Variation,* edited by Jeffrey Reaser, Eric Wilbanks, Karissa Wojcik, and Walt Wolfram (Chapel Hill: University of North Carolina Press). [submitted, scheduled for 2018]

Cellular Automata for Modeling Language Change. *International Journal of Microsimulation*. [submitted]

*Exploring Linguistic Science: Language Use, Complexity and Interaction.* Cambridge: Cambridge University Press. [with Allison Burkette; in production, scheduled for 2018]

*The Emergence and Development of English: An Introduction.* Cambridge: Cambridge University Press.[textbook on History of the English Language, in production, scheduled for 2018]

Electronic Publications

*Digital Archive of Southern Speech* (2009). Athens: Linguistic Atlas Project, American Dialect Society. Republished by the Linguistic Data Consortium (Philadephia, 2012). [200Gb+, 400+ hours of digital audio interviews sampled from the Linguistic Atlas of the Gulf States, with finding aids; released on portable USB drives]

TEI and Linguistic Interviews (2002). ‑

Linguistic Atlas Projects Web site (under continuous development since 1995). http://www.lap.uga.edu.

3b. Creative contributions other than formal publications.

Pluralism in American English. Two-part radio program (2 1/2 hours), 1983. National syndication by WFMT, Chicago (with R. McDavid).

3c. Grants received (does not include UGA Foreign Travel Grants, UGA Summer Research Grants, or special purpose OVPR grants).

2016-2018. NSF BCS- 1625680, “Automated Large-Scale Phonetic Analysis: DASS Pilot,” $377,295. [with Margaret Renwick]

2016- UGA Faculty Research Cluster, "Complex Systems and the Humanities," $12,500/year

2014 ACLS Digital Innovation Fellowship, $85,000.

2013-15. UGA Faculty Research Cluster, "Digital Humanities Laboratory," $30,000/year

2012- American Dialect Society, $20,000 per year.

2008-2011 NEH PW-50007, “Digitization of Atlas Audio Recordings,” $349,600.

2006-2011. American Dialect Society, $15,000 per year.

2006-07. Roswell Community Language project, $6,500, Roswell Convention and Visitors Bureau

2006. CHA State of the Art Conference Grant, $7000, "Linguistics in the 21st Century: Perspectives and Challenges."

2005. Roswell Community Language project, $6,500, Roswell Convention and Visitors Bureau

2005-06. NSF SBR-0446888, "Doctoral Dissertation Research: Investigating the Local Construction of Identity: Sociophonetic Variation in Smoky Mountain African American Women's Speech," $9768. [with Becky Childs]

2003-05. Roswell Community Language project, $10,000, Roswell Convention and Visitors Bureau [with Sonja Lanehart and Bridget Anderson]

2002-04. NSF SBR-0233448, "SGER: Atlanta Speech Sample," $54,834, Undergraduate Research Supplement, $5000. [with Sonja Lanehart]

2001-06. Co- Investigator, National Cancer Institute, "Linguistic Analysis of Tobacco Industry Documents," Donald Rubin (PI). [I was the lead computer expert, responsible for corpus construction, corpus analysis, and computer presentation of results]

2001-2003. NSF-SBR-0115654, "Doctoral Dissertation Research: Colorado Field Research for Linguistic Atlas," $9210. [for Lamont Antieau]

1997-2005. American Dialect Society, $12,000 per year.

1999-2002. NSF SBR-9975657, "Collaborative Research on the Geography of English Dialect Features by Self-Organizing Maps," $36,095. Undergraduate Research Supplement, $5,000.

1998-2001. NSF SBR-9729149, "Historical Databases of African American English and Gullah," $47,189. Undergraduate Research Supplement, $5,000.

1986-92, 1994-97. American Dialect Society, $8,000 per year.

1994. UGA Instructional Technology Grant, "Corpus Linguistics and Atlas Databases," $16,000.

1993-94. NSF DBS 9222279 "Charting Linguistic Features by Density Estimation," $19,935.

1990-94. NEH RT 21147, "Linguistic Atlas of the Middle and South Atlantic States (LAMSAS): Database and Publication," $155,000.

1989-90. NSF BNS 8819749 "Computer Tools for Phonetic Analysis: LAMSAS," $37,583.

1984-86. NEH RT 20382-83 "Linguistic Atlas of the Middle and South Atlantic States," $15,000.

1984-86. NEH RT 20475-84, "A Word Index for the Linguistic Atlas of the Middle and South Atlantic States," $75,000.

Proposal reviewer.

Estonian Research Council (2012 [2], 2017)

Foundation for Polish Science (Poland, 2012[7])

AHRC (UK, 2000, 2002, 2003)

Isaac Newton Fund (UK, 2007)

ESRC (UK, 2007)

Leverhulme Trust (UK, 2007)

College of Reviewers, Canada Research Chairs (Canada, 2005, 2008, 2010, 2015).

Institute for Social and Economic Research (Canada, 2004)

J. R. Smallwood Foundation (Memorial University, Newfoundland, Canada, 2003)

National Endowment for the Humanities (1984, 1986, 1990, 1994, 1999, 2000, 2009; Linguistics panelist, 2002).

National Geographic Society (1993).

National Science Foundation (1991, 1995[2], 1996, 1999, 2000, 2002, 2003, 2010[2], 2011, 2017).

Ohio State University (1989).

Sea Grant-NOAA (Texas, 2000[2]).

Social Science and Humanities Research Council (Canada, 1994, 1999, 2008).

University of Toronto (1993).

3d. Recognitions and outstanding achievements, including elected positions in professional societies.

Friend of Oxford Award, Office of International Education, University of Georgia, 2014.

ACLS Digital Innovation Fellowship, 2014.

Honorary Doctorate, University of Oulu, Finland, 2013.

Albert Christ-Janer Creative Research Award, University of Georgia, 2012.

Faculty Fellow, Institute for Artificial Intelligence, University of Georgia, 2011-.

ACLS Delegate, American Dialect Society, 2011-2014

Membership of Roswell Voices project in European Union Living Laboratories network, 2010-. [first and so far only North American member]

Nomination as Finland Distinguished Professor, 2009, 2011.

President, American Dialect Society, 2007-2008 (President-Elect, 2005-2006).

American Dialect Society Professor, LSA Linguistic Institute, MIT, 2005

Harry and Jane Willson Professorship in Humanities, 2004-.

President’s Award, Roswell Convention and Visitors Bureau, 2004. [for Roswell Voices project]

TEI Consortium, Board of Directors (2002-2004), Nominating Committee (2002-2004)

Pedro Zamora Horizon Award (2002; UGA, commitment to diversity).

South Atlantic Regional Humanities Center, founding board member (2001-2009).

American Association for the Advancement of Science, Section Z (Linguistics) Nominating Committee (2000-2003).

ACLS Digital Fellowship, alternate (2012, not awarded).

ACLS Senior Fellowship, alternate (1999, not awarded).

American Dialect Society, Nominating Committee (1996-99), Executive Committee (1999-2002), Search Committee for American Speech Editor (2003-2004).

Association for Computers and the Humanities, Executive Committee (1998-2003), Publications Committee (2000-2002).

Modern Language Association, Regional Delegate (1983-86).

Current listing in several Who's Who volumes, including *Who's Who in the World* (1992-), *Who's Who in America* (1994-).

3e. Areas of research (see also 6. Narrative Account of Current Research).

Special Area of Interest: Linguistic Atlas Project.

I am Editor of the Linguistic Atlas of the Middle and South Atlantic States, the Linguistic Atlas of the North-Central States, and the Linguistic Atlas of the Western States. I am generally regarded as the third director, or Editor-in-chief, of the Linguistic Atlas Project (each regional project is actually autonomous), founded by Hans Kurath in 1929 and continued by Raven McDavid. I moved the Atlas archives from the University of Chicago to Georgia after McDavid died and I was ratified as his successor by the American Dialect Society (ADS). Georgia has become the national center for Atlas research. The Georgia collection currently includes materials from the Linguistic Atlases of New England, the Middle and South Atlantic States, the North-Central States, the Gulf States, the Pacific Coast, the Pacific Northwest, the Upper Midwest, and the Western States, along with other smaller projects which employed the same methods (Eastern Canada, Turner's Gullah records, Lowman's Southern England records, etc.). This collection has not been permanently archived at Georgia, but is housed by agreement with the ADS. The new digital archive of Atlas materials at the University of Georgia Library is a permanent fixture. My Atlas operation has been supported by grant funding over the years (NEH, NSF), and it is the beneficiary of the Hans Kurath Trust Fund of the ADS, which provides a moderate amount of secure continuing annual funding.

The materials of the Linguistic Atlas Project constitute our best primary evidence for the history of American English at mid-century, and a benchmark from which we can determine contemporary change in our language. I have devised new computer and statistical methods for analysis of the materials, in line with modern ideas of survey research and GIS methods, in addition to arranging for their conservation. My work has established a relationship between traditional dialectology and sociolinguistics (I have a reputation as a theorist for empirical studies, as in my 2009 *The Linguistics of Speech*, Cambridge University Press), and has offered new findings from my database of historical linguistic survey research.

The LAP continues field work in the West as funding and interested field workers are available. The Linguistic Atlas of the Western States will largely complete the national grid for the first stage of interviews for LAP. Recent field work has been conducted in California, Colorado, and West Texas. We have also conducted a second-stage survey of American speech in the Atlanta metropolitan area. The new survey is among the first projects to use modern random-sample survey techniques to select speakers, as in opinion polling, which will allow valid statistical analysis of results. The new survey is designed to establish the norms of urban American English for practical use by speech pathologists and others, as well as to plot the directions of language change from earlier LAP results. A companion project, Roswell Voices, is a long-term language and life field site in a community just north of Atlanta. There, we are interested in finding out what happens in communities like Roswell where massive population change has transformed the language behavior of residents.

Major project publications include the *Handbook of the Linguistic Atlas of the Middle and South Atlantic States* (University of Chicago Press, 1993), and microform publication of 130,000 pages of unedited materials from the Middle and South Atlantic survey, Basic Materials: Linguistic Atlas of the Middle and South Atlantic States and Affiliated Projects (Regenstein Library, University of Chicago, 1982-86). In addition to these larger works, each year I write new articles and conference papers on Atlas materials. Many more publications, large and small, will in time be prepared from the Atlas materials at Georgia; they are a rich historical source of information. The primary means of publication of the Linguistic Atlas materials themselves is no longer print but the World Wide Web (URL http://www.lap.uga.edu). The Linguistic Atlas site has been accessed heavily by users from the general population as well as experts. I am aware that the site has been used in classes at universities around the world. We are working continuously to redevelop the site, including outreach to schoolteachers and the public. As of 2010, the Linguistic Data Consortium at the University of Pennsylvania, the largest national provider of audio and text linguistic data, has agreed to distribute Atlas digital audio data.

Special Area of Interest: Digital Humanities.

In the early 1980s I was asked by Raven McDavid to find ways to computerize the Linguistic Atlas Project. This I did, including the preparation of computer fonts and methods for displaying and printing phonetics, the design of a database structure and methods for digitizing Atlas data, and development of new methods for computer analysis and visualization of Atlas data. Beginning in 1994 I led a transition from paper publication to online publication of Atlas materials, now focused on the Atlas Web site (http://www.lap.uga.edu). This site has become a leading example in the field, and remains under continuous development. These efforts have led to my service as a member of the Executive Council for the Association for Computers and the Humanities, and a member of the Executive Board for the Text Encoding Initiative. I have also extended my work into the area of corpus linguistics, particularly in a National Cancer Institute study of language in the tobacco documents which constitutes some of the first large-scale corpus analysis of corporate documents. This work has led to commercial consulting and a patent application. In 2006 I led a group which published a programmatic article about the production of public language corpora, and I am still active in software development with colleagues in Finland for the LICHEN program, a software toolbox for the maintenance, analysis, and display of language data.

I have worked to incorporate the computer in my own teaching. I wrote and distributed my LAMSASplot program to classes at UGA; the program proved popular and effective both among my students and among language variationists elsewhere, and it has been widely used. The Linguistic Atlas site (URL http://www.lap.uga.edu), which contains the successor of the LAMSASplot program, has been more widely used for teaching than its predecessor, including a standard set of weekly exercises in my own American English course. A cluster of papers and reviews from students in my Literary Dialect Seminar, in which I taught computer text analysis with LinguaLinks software, was published as a special issue of the journal *Language and Literature*.

Since 1999 I have been working to develop new opportunities in Digital Humanities at UGA. We established Digital Humanities specializations within the English and Linguistics MA programs, which have been included in the UGA strategic plan. In association with these efforts, I arranged for UGA to become the charter university member of the TEI Consortium, and have served as the institutional representative and was a member of the TEI Executive Board. I hosted the ACH/ALLC joint annual meeting in 2003 at UGA. More recently, the Atlas project has cooperated with the University Library on creation of a substantial archival and display system as an early step towards an institutional repository. I wrote the original plan for what has now become DigiLab in the University Library. In 2015-16 I helped to develop the new Georgia Institutes of Informatics.

3f.  Supervision of student research (\* director).

Undergraduate Honors Theses: Samantha Knoll\* (2009), Josh Dunn\* (2010), C. Thomas Bailey\* (2012), Anna Wilson (2013)\*, Ashleigh Starnes (2014)\*, Spencer Hanlin (2014)\*.

M.A., English: Lisa Cohen\* (1991), Cathy Krusberg\* (1992), Matthew Zimmerman (1996), Salena Sampson\* (2005), David Deutsch (2006), Lindsey Morgan (2006), Bernadette Johnson\* (2009), Calen Verbist\* (2011), Jesse Waters (2011), Michael Weaver, Sandy Argroves\* (X).

M.A., Linguistics: Jessica Cooper (1992), Rodolfo Celis (1993), Teresa Taylor\* (1996), Vanessa Dittrich\* (1998), Yi-Ting Tsai (1998), Danika Randolph (1999), Sandra Hoover\* (2001), Michael Colley\* (2003), Rachel Votta\* (2007), Brooke Heller (2007), Jessica Delisi (2008), Stephen Tyndall (2008), Laura Greiffner (2009), Magdalene Jacobs (2010), Justin Sperlein\* (2011), , Joshua Hummel (2017), Tony Snodgrass (X), Rebecca Vanderslice (X)\*, Heather Willis (X)\*, Franchesca Judd (X)\*, Iris Potter (X)\*, Ryan Dekker.

M.A., Artificial Intelligence: Robert Hollingsworth (2012), Shayi Zhang (2012), C. Thomas Bailey\*.

M.A., English Philology (Oulu): Antti Tolonen (2013).

Ph.D., English: Carol Jamison\* (1993), Alexander Bruce (1997), Susan Sigalas (1997), Lissa Holloway-Attaway (2000), Lisa Cohen Minnick\* (2002), Clai Rice\* (2002), Eric Rochester\* (2004), Angela Pfile (2005)\*, Jacqueline Hettel (2013)\*, Jonathan Foggin (2016), Michelle Queen-Hill (2016)\*, Deanna Light\* (X), Matthew Zimmerman\* (X) , Patrick McGinn (X), Barry Shelton\*.

Ph.D., Linguistics: Barbara Ferre (1991), Ellen Johnson\* (1992), Valerie Boulanger\* (1997), Frank Bramlett (1999), Karen Christenson (1999), Allison Burkette\* (2001), Byung-Joon Lim (2001), Marianne Mason (2001), Akinloye Ojo\* (2001), Judit Szito (2002), Anne- Marie Hamilton\* (2003), Joseph Kuhl\* (2003), Hilda Mata (2003), Stephanie Schlitz

(2003), Susan Tamasi\* (2003), Suddarat Leerabhandh Hatfield (2005)\*, Becky Childs (2005)\*, Marlene Kemp-Dynin (2005)\*, Jeongyi Lee (2005), Lamont Antieau\* (2006), Bess Fjordbak\* (2006), Helga Wendelberger\* (2006), Cati Brown (2006), Csilla Weninger (2007), Clayton Darwin (2008)\*, Keith Kennetz (2008)\*, Betsy Barry (2008)\*, Elizabeth Craig (2008), Garrison Bickerstaff (2010)\*, Paulina Bounds (2010)\*, Heather Mello (2013)\*, Steven Coats (2015)\* , Judith Oliver (2016)\*, Nancy Condon (X), Elizabeth Johnson (X), Rafal Konopka\* (X), Brooke Ehrhardt\* (X), Sonia Bell\* (X),Claire Andres\* (X), Michael Olsen\*, Katherine Kuiper\*, Rachel Olsen, Joey Stanley, Elizabeth Miller.

Ph.D., Education: Joycelyn Wilson (2007).

Ph.D., Engineering (Oulu): Ilkka Juuso\*.

External M.A., English Philology, Marija Pecova-Kesäläinen (2011, Oulu).

External Ph.D., Linguistics: Robert Shackleton\*, "Quantitative Assessment of English-American Speech Relations," (2010, University of Groningen, Netherlands).

Post-doctoral collaboration.

(1) Dr. Edgar Schneider, University of Bamberg, West Germany, was Visiting Associate Professor in the English Dept. for 1988-89 under the terms of an FRG Heisenberg Stipendium, to work with me on statistical methods for analyzing Linguistic Atlas data.

(2) Dr. John Kirk, Queen's University of Belfast, was Visiting Associate Professor in the English Dept. for 1990-91 under funding from Fulbright and British Academy, to work with me on computer mapping and theories of dialect.

(3) Dr. Jean-Claude Thill, SUNY-Buffalo, under terms of a grant from NSF (1999-2002), to work on advanced methods in technical geography (neural networks; 1999-).

(4) Dr. John Nerbonne, Alfa-informatica, University of Groningen (Netherlands), to work on advanced quantitative methods in computational linguistics (2000-).

(5) Dr. Lisa Lena Opas-Hänninen, Dr. Tapio Seppanen, University of Oulu (Finland), to work on humanities computing, public corpora (LICHEN software), and language issues (2005-).

3g. Editorial or advisory board member of journals or learned projects.

Advisory Committee, *Dictionary of American Regional English* (2012-).

National Advisory Committee, Ford Foundation Project on Linguistic Profiling (dir. John Baugh, Stanford University; 2002-).

Steering Committee, Methods in Dialectology (triennial conf., 1993-2008)

Senior Consulting Editor, *Journal of English Linguistics* (1999-).

Editorial Board, *Poznań Studies in Contemporary Linguistics* (2017-).

Editorial Board, *English Today* (2014-)

Editorial Board, *English World-Wide* (1997-).

Editorial Board, *Rask* (Scandinavian journal of linguistics and communication, 1994-).

Editorial Board, *Journal of Linguistic Geography* (2013-)

Editorial Board, *Computers and the Humanities* (2001-2004).

Editorial Board, *American Speech* (2003-2005).

Advisory Board, US Dictionaries Program, Oxford Univ. Press New York (1997-).

Advisory Board, Bloomsbury Press/*Microsoft Encarta World English Dictionary* (1993-).

*Oxford English Dictionary* (American Pronunciations; 1992-).

Editor, Linguistic Atlas of the Middle and South Atlantic States (1984-).

Editor, Linguistic Atlas of the North-Central States (1984-).

Co-Editor, Linguistic Atlas of the Western States (2001-).

Editor-in-chief, Linguistic Atlas Project (1984-).

Editor, *Journal of English Linguistics* (v. 17-27, 1983-99).

Manuscript reader (book-length manuscripts, prizes, journal articles).

Publications of the American Dialect Society [monograph series] (1986, 2007).

American Dialect Society (1985, 1990, 1991 [2]).

*American Speech* (2003 [5], 2004 [4], 2010[2], 2011[2])

John Benjamins (1999, 2005, 2014x2).

Cambridge University Press (1992, 1995, 2001, 2002, 2005[5], 2006[4], 2007[2], 2008, 2010[3], 2011[3]).

*Canadian Journal of Linguistics* (1998).

*Computers and the Humanities* (2000-2004).

Continuum (2009).

Council of Editors of Learned Journals prizes (1993).

*Dialectologia* (2010)

Dictionary Society of North America (1995,1999[prize], 2000).

Digital Humanities Quarterly (2006, 2014, 2015, 2016, 2017x2).

Edinburgh University Press (2010).

*English Today* (2014-).

*English World-Wide* (1997-).

*Geographical Bulletin* (2009)

*Geographical Review* (2007)

*GeoHumanities* (2017)

Hodder Arnold (2007)

ICAME (2008)

*International Journal of Corpus Linguistics* (2013)

*Journal of English Linguistics* (2000-).

*Journal of Linguistic Geography* (2014-)

*Journal of Pidgin and Creole Languages* (2002, 2013).

*Language* (2012)

*Language Variation and Change* (2002, 2009, 2010).

*Literary and Linguistic Computing* (2002, 2013, 2014).

Macmillan (1997, 2011).

*Methods in Dialectology* (2003, 2013)

Mouton de Gruyter (2009, 2011)

MRTS (SUNY-Binghamton, 1993, 1994).

Notre Dame University Press (1985).

Oxford University Press (2002 [2], 2006, 2007).

PLOS ONE (2013)

Routledge (1992, 1996, 1997, 1998 [2], 1999 [2], 2011 [3], 2013).

Sage Publications (1995-98 [27]).

SAMLA prizes (1992).

SECOL Review (1999).

*Speculum* (1996).

St. Martin's Press (1996).

Taylor and Francis (2015).

University of Alabama Press (1988, 1989).

University of Michigan Press (2001).

University of South Carolina Press (1987).

Wiley-Blackwell (1998 [2], 2010, 2012).

3h. Convention papers ( \*\* = invited plenary talk; \* = corresponds to published version).

Workshop: Complex Systems and Chain Shifts: How Big Data Affects Our Analyses. NWAV, 2017, Madison, WI [with Allison Burkette, Michael Olsen]

The Fractal Structure of Language: Phonetic Measurements from the South. LCUGA 4, 2017, Athens, GA.

\*\*The New Big Picture for Linguistics: Complex Systems. PLM conference 2017, Poznan, Poland.

Automated Phonetic Analysis, SECOL, 2017, Charleston.

A Good Turn. DiVar, 2017, Atlanta.

Changing the Guard, ADS, 2017, Austin.

Big Data: Complex Systems and Text Analysis (half-day workshop), LSA, 2017, Austin. [with Allison Burkette, Jacque Hettel]

Cellular Automata for Modeling Language and Culture, Duke Forest (Economics), Durham, 2016.

Big Data: Complex Systems and Text Analysis (2-hour workshop), NWAV45, Vancouver, 2016. [with Allison Burkette, Jacque Hettel]

Digital Humanities and Big Data, IAUPE, London, 2016.

Big Data: Complex Systems and Text Analysis (half-day workshop), DH2016, Krakow (Poland), 2016. [with Allison Burkette, Jacque Hettel]

Complex Systems in Digital Humanities: Corpus Linguistics and Variation, HASTAC, Tempe, 2016

Extending the Linguistic Atlas Web Site, SECOL, New Orleans, 2016.

The Role of Competing Variants in the Emergence of Nonlinear Profiles in the Complex System of Speech. SCTPLS, Gainesville, 2015. [with Ilkka Juuso]

Computer Simulation of Diffusion: New Suggestions about the Process of Language Change. DH2015, Sydney, 2015. [with Ilkka Juuso]

Time in Language Change: Suggestions from Simulation. SHEL, Vancouver, 2015. [with Ilkka Juuso]

\*\*LAVIS: Where are you going, where have you been? LAVIS IV, Raleigh, 2015

DH@UGA: Computer Simulation of Speech. Digital Humanities in the Southeast, Atlanta, 2014.

Cellular Automata for Modeling Language Change. ACRI, Krakow, 2014[with Ilkka Juuso]

Measurement of Emergence in Computer Simulation of Speech, ISLE, Zurich, 2014 [with Ilkka Juuso]

Emergence and Evolution in Computer Simulation of Speech, Methods in Dialectology, Groningen, 2014 [with Ilkka Juuso]

Complex Dialects, American Dialect Society, Minneapolis, 2014.

Computer Simulation of Diffusion for Multiple Variants, American Dialect Society, Minneapolis, 2014. [with Ilkka Juuso]

Computer Simulation of Speech with GIS, UKLVC, Sheffield, 2013. [with Ilkka Juuso]

Small World Networks in Computer Simulation of Language Diffusion, NWAV, Pittsburgh, 2013. [with C. Thomas Bailey]

Simulation of the Complex System of Cultural Interaction, DH 2013, Lincoln (NE), 2013[with Ilkka Juuso, C. Thomas Bailey]

Computer Simulation of Dialect Feature Diffusion, American Dialect Society, Boston, 2013. [with Ilkka Juuso, C. Thomas Bailey]

Workshop on Language and Complex Adaptive Systems, LSA, Boston, 2013. [with Allison Burkette, Diane Larsen-Freeman]

Small Sample Sizes in Variationist Research. NWAV, Bloomington (IN), 2012.

Transcriptions for the Linguistic Atlas Project. FINSSE, Joensuu, Finland, 2012. [with Jacqueline Hettel, Ilkka Juuso, Lisa Lena Opas-Hänninen, Tapio Seppänen]

Computer Simulation of Speech in Cultural Interaction as a Complex System. European Science Foundation Network for Digital Methods in the Arts and Humanities (NeDiMAH) Workshop on “Space and Time in the Humanities,” Hamburg, Germany. [with C. Thomas Bailey and Ilkka Juuso, in association with Digital Humanities 2012]

Corpus Building for the Linguistic Atlas Project, ICAME, Leuven, Belgium, 2012 [with Lisa Lena Opas-Hänninen, Ilkka Juuso, Tapio Seppänen, Jacqueline Hettel]

\*\*Complex Systems and the History of the English Language, SHEL, Bloomington (IN), 2012.

Variation in the Traditional Vowels of the Eastern States, ADS/LSA, Portland, 2012.

The Linguistic Atlas Projects Online, ADS/LSA, Portland, 2012. [with Lisa Lena Opas-Hänninen, Ilkka Juuso, Tapio Seppänen, Jacqueline Hettel]

Workshop on Language and Complex Systems, NWAV 40, Georgetown, 2011 [with Allison Burkette, Salikoko Mufwene]

The Linguistic Atlas of the Gulf States Online. Helsinki Corpus Festival, Helsinki, 2011 [with Lisa Lena Opas-Hänninen, Ilkka Juuso, Tapio Seppänen]

Defining *firecat*: An Improved Model for Corpus-Based Lexicology, AACL, Atlanta, 2011.

Taking a Large-Scale Legacy Archive Online: The Case of LAP and LICHEN, Methods in Dialectology Conference, London (ON), 2011 [with Ilkka Juuso, Lisa Lena Opas-Hänninen, Tapio Seppänen]

\*Scaled Measurement of Geographic and Social Speech Data, Methods in Dialectology Conference, London (ON), 2011 [with Brendan Kretzschmar, Irene Brockman]

Legacy Data. Workshop on Sociophonetics, Summer Institute of Linguistics, Boulder, 2011 [with Naomi Palosaari, Paulina Bounds]

Student Participation in the Linguistic Atlas Project, ISLE, Boston, 2011

\*\*Complex Systems in Aggregated Variation Analyses, Workshop on Cross-Linguistic and Language-Internal Variation in Text and Speech, 2011 (Freiburg).

Implicational Scaling in Southern Speech Features, ADS/LSA, Pittsburgh, 2011. [with Josh Dunn and Mi Ran Kim]

\*Language and Region, NWAV 39, San Antonio, 2010.

Complex Systems and Sociolinguistics in Roswell, NWAV 39, San Antonio, 2010. [with Josh Dunn]

Complex Systems in the History of American English, IAUPE 2010 (Malta).

Complexity in the Relation between British and American English, Echoes of Albion, University of Groningen, 2010

\*\*The 80/20 Rule in English Grammar, NAES-FINSSE 2010, Oulu (Finland).

LAP, LICHEN, and DASS: Experiences combining data and tools, NAES-FINSSE 2010, Oulu (Finland).

\*\*The Emergence of Standard American English in American Education, SECOL 2010, Oxford (MS)

Creating Public Corpora: Human Subjects and Metadata, NWAV 38, Ottawa, 2009.

Emergence of “New Varieties” in Speech as a Complex System, ICLCE3 2009 (London).

Corpora and Complexity Science, ICAME 2009 (Lancaster).

How Speech Communities Differ, SHEL 2009 (Banff). [with Samantha Knoll]

The Digital Archive of Southern Speech. SECOL 2009 (New Orleans). [with Paulina Bounds, Steven Coats, Tony Snodgrass, Lisa Lena Opas-Hanninen, Tapio Seppanen, Ilkka Juuso]

\*\*Postmodern Dialectology, American Dialect Society Presidential Address, 2009 (San Francisco).

Dialectology and Complex Systems, Methods in Dialectology Conference, 2008 (Leeds).

\*Unnatural Language Processing:Neural Networks and the Linguistics of Speech. Digital Humanities 2008 (Oulu).

African-American English Phonetics Workshop, NWAVE 2007 (Philadelphia)

Large-Scale Humanities Computing Projects: Snakes Chasing Tails, or Every End is a New Beginning? Digital Humanities 2007 (Urbana).

Digital Conversion of Atlas Audio Tapes, NWAVE 2006 (Columbus).

\*\* \*What's in the Name "Linguistics" for Variationists, Linguistics in the 21st Century, UGA, 2006

Workshop on Wordsmith Tools, Linguistics in the 21st Century, UGA, 2006 [with Marlene Kemp-Dynin]

Description of Vowel Formants in Dawgs' Speech, Linguistics in the 21st Century, UGA, 2006 [with Mi-Ran Kim, Chris Harriss, and Carl Naylor; won 1st prize in poster competition]

\*\*Evidence about Profiling from Linguistic Survey Research, Linguistic Profiling in Global Perspective (Ford Foundation), St Louis, 2006

Analysis of Urban Interview Data as a Corpus, NWAVE 2005, New York. [with Betsy Barry]

Language Status and Language Change, SHEL 2005, Flagstaff

\*Art and Science in Computational Dialectology, Methods in Dialectology 2005, Moncton.

\*Collaboration on Corpora for Regional and Social Analysis, ICAME/AAACL 2005, Ann Arbor. [with J. Anderson, J. Beal, B. Plichta, K. Corrigan, L. Opas-Hanninen]

\*Roswell Voices, SECOL 2005, Raleigh. [with Bridget Anderson and Becky Childs]

Publication of Full Interviews from the Atlanta Survey Project. ADS/LSA 2005, Oakland [with Betsy Barry and Nicole Kong]

Vowel Formant Characteristics from the Atlanta Survey Project. ADS/LSA 2005, Oakland [with Mi-Ran Kim and Nicole Kong]

Introduction to the Atlanta Survey. ADS/LSA 2005, Oakland [with Sonja Lanehart]

Atlanta in Black and White: A New Random Sample of Urban Speech. NWAVE 2004, Ann Arbor. [with Sonja Lanehart, Betsy Barry, Iyabo Osiapem, and Mi-Ran Kim]

Southern English by the Numbers. LAVIS-3 2004, Tuscaloosa.

\*The Relevance of Community Language Studies to HEL: The View from Roswell. SHEL-3 2004, Ann Arbor. [with Sonja Lanehart, Bridget Anderson, and Becky Childs]

\*The Marriage of Sociolinguistics and Phonetics: The Honeymoon is Over. NWAVE 2003, Philadelphia [with Bridget Anderson, Mark Arehart]

The Tobacco Documents Corpus: Archiving the Industry. ACH/ALLC, Athens, 2003. [with Clayton Darwin, Donald Rubin]

Self-Organizing Maps as an Approach to GIS Analysis of Linguistic Data. ACH/ALLC, Athens, 2003.

\*Mapping Southern English. LSA/ADS, Atlanta, 2003.

Text Encoding for Linguistic Analysis of Tobacco Documents. SAMLA/SECOL, Baltimore, 2002. [with Clayton Darwin, Donald Rubin]

\*Looking for the Smoking Gun: Forensic Corpus Exploration of the Tobacco Documents. American Association for Applied Corpus Linguistics, Indianapolis, 2002. [with Clayton Darwin, Donald Rubin, and Douglas Biber]

\*\* \*TEI and Linguistic Interviews. TEI Consortium Members Meeting, Chicago, 2002.

\*Geographical Plotting. International Methods in Dialectology Conference, Joensuu, Finland, 2002. [invited workshop]

\*Linguistic Databases of the American Linguistic Atlas Project. IRCS/NSF Workshop on Linguistic Databases, Philadelphia, 2001.

The Future of Dialectology: Efficient Field Work with a One-Hour Interview. SAMLA, Atlanta, 2001.

\*\* \*Distributional Foundations for a Theory of Language Change. NWAVE, Raleigh, 2001. [with Susan Tamasi]

\*American English: Melting Pot or Mixing Bowl? IAUPE, Bamberg, 2001.

\*\* \*Following Kurath: An Appreciation. DSNA, Ann Arbor, 2001.

\*Teaching American English on the Web. ADS/MLA, Washington, 2000.

\*\*Geographical Investigations, NWAVE, East Lansing, 2000.

Gullah Online: The Turner Interviews. Gullah: A Linguistic Legacy of Africans in America, Washington, 2000. [with Lisa Cohen]

Humanities Computing and Campus Computer/Information Literacy. ACH/ALLC, Glasgow, 2000.

\*\* \*Dialectology and the History of the English Language, SHEL, Los Angeles, May 2000.

\*Literary Dialect Analysis with LinguaLinks Software, ADS/LSA, Chicago, 2000.

A "New" Resource for History of AAVE. NWAVE, Toronto, 1999.

\*\*Computer Plotting and Mapping and Related Statistical Processing of Areal Linguistic Data. International Methods in Dialectology Conference, Newfoundland, 1999.

Intuitive Interfaces for the Retrieval of Linguistic Data, ACH/ALLC, Debrecen (Hungary), 1998. [with Eric Rochester].

\*\* \*The Future of Dialectology, Harold Orton Centenary Conference, Leeds (England), 1998

Statistical Measurement Within and Across Corpora, ICAME, Chester (England), 1997. (with Charles Meyer).

\*\*Sustaining Belief in North American Dialects, Seventh Tampere Conference on North American Studies, Tampere (Finland), 1997

\*Computer Mapping Workshop, LSA/ADS, Chicago, 1997.

The LAMSAS Internet Site, NWAVE, Las Vegas, 1996.

\*Modeling Language Variation, International Methods in Dialectology Conference, Wales, 1996. [with Rodolfo Celis].

Speech Communities and Language Variation Studies, American Association for Applied Linguistics, Chicago, 1996.

\*Uses of Inferential Statistics in Corpus Studies, ICAME, Stockholm, 1996.

The Taste for Varietal Dictionaries. Lexicography Group, MLA, Chicago, 1995.

\*Urban Centers and American English Lexical Variation. NWAVE 24, Philadelphia, 1995.

Installing a New Corpus Linguistics Server. ICAME, Toronto, 1995.

Dialectology and Sociolinguistics: Same Coin, Different Currency. NWAVE 23, Stanford, 1994.

\*Why Dialectology? MLA/ADS, San Diego, 1994

\*Linguistic Theory and Computer Modeling of Linguistic Survey Data. ACH/ALLC, Paris, 1994.

Dialectology as a New Challenge for Linguistic Theory. SECOL, Memphis, 1994.

\*At Last: The Handbook of the Linguistic Atlas of the Middle and South Atlantic States. MLA, Toronto, 1993.

\*LAMSAS goes SASsy II: Another Generation of Statistical Methods for Regional Analysis. Eighth International Conference on Methods in Dialectology, Victoria, BC (Canada), 1993.

\*Dialect in the Concise Oxford Dictionary of Pronunciation. ICAME, Zurich, 1993.

Using Linguistic Atlas Databases for Phonetic Analysis. ACH/ALLC, Washington, 1993. (with Ellen Johnson).

\*\* Generation of Linguistic Feature Maps with Statistics. Conference on Language Variety in the South II, Auburn, 1993.

Quantitative Methods in a Qualitative Paradigm: Evidence from LAMSAS. NWAVE, Ann Arbor, 1992.

Specialized Computing for Linguistic Geography, 1992. ALLC/ACH, Oxford (with Jay Lee).

\*\* \*Dialects: Traditions in Culture and Innovations in Analysis. Fifteenth Annual Meeting of the Atlantic Provinces Linguistic Association, Sydney, NS, 1991.

Quantitative Methods for Word Geography. NWAVE, Washington, 1991 (with Jay Lee).

\*Management of Linguistic Databases. SAMLA, Atlanta, 1991 (with R. Konopka).

\*The Analysis and Interpretation of Dialect Databases by Interactive Mapping. ACH/ALLC Conference, Tempe, 1991 (with J. Kirk).

English Dialects in the US. MLA/ADS Convention, Chicago, 1990.

LAMSAS for the Next 100 Years. MLA Convention, Washington, 1989.

\*Isoglosses and Statistical Modeling. NWAVE, Durham, 1989.

\*Modern American Dialect Study. 4th Nordic Conference for English Studies, Copenhagen, 1989.

\*Phonetic Display and Output. Workshop on Computer Methods in Dialectology, Athens, 1989.

\*LAMSAS Goes SASsy: Statistical Methods and Linguistic Atlas Data. Workshop on Computer Methods in Dialectology, Athens, 1989.

\*Caxton's Sense of History. UGA Winter Forum, 1988.

\*The Notion of System in Dialect Study. MLA, New Orleans, 1988.

\*\* \*Computers and the American Linguistic Atlas. International Conference on Methods in Dialectology, Bangor (Wales), 1987.

Traditional Methodology as Source and Resource: Revising Anglo‑Saxon Culture. International Congress on Medieval Studies, Western Michigan University, 1987.

\*From Manuscript to Print on a Budget. International Congress on Medieval Studies, Western Michigan University, 1986.

Practicing Linguistic Geography. University of Wisconsin‑Whitewater Education Roundtable, 1985.

Why Doctors Can't Talk to Their Patients. Chicago Women's Club, 1984.

Genus, Species, and Medieval Interpretation. International Congress of Medieval Studies, Western Michigan University, 1984.

\*Adaptation and *anweald* in the Old English Orosius. International Congress of Medieval Studies, Western Michigan University, 1983.

Using Computers for Data‑Oriented Linguistic Projects. University of Wisconsin‑Milwaukee, 1983.

Linguistic Chastity. University of Wisconsin‑Whitewater Education Forum, 1983.

The Future of the North‑Central and Middle and South Atlantic States Atlases. MLA Convention, Los Angeles, 1982.

The Idea of Genre in *Canterbury Tales*. Michigan Academy, University of Michigan, 1981.

The Principles of Collection and Selection in Henryson's *Fabillis*. International Congress of Medieval Studies, Western Michigan University, 1981.

The Aesopic Fable in the Middle Ages: Continuities and Transformations. Michigan Academy, Wayne State University, 1980

\*Anglo-Saxon Historiography and Saints' Lives: Cynewulf's *Elene*.Novus et Antiquus Conference, Ball State University, 1979.

Invited Lectures (\* = corresponds to published version).

The Complex Adaptive System of English: Text Analysis, Lexicogrammar, and Variation, Philological Society, Oxford, 2016.

Complex Systems and Variationist Analysis, University of Gothenburg, 2016.

Language and Complex Systems: Text, Grammar, and Variation, University of Gothenburg, 2016.

Computer Simulation of Diffusion: Complexity and Language Change. Emory University, 2016.

Emergence of English, University of Edinburgh, 2016.

Addressing "Emergence" in a HEL Classroom, University of Mississippi, 2016.

New Corpora and New Corpus Analysis. University of Glasgow, 2015.

Big Data and Complex Systems in English Language Study. University of Glasgow, 2015.

Computer Simulation of Language Diffusion (3 lectures). University of Glasgow, 2015.

A Grid System for Evaluating F1/F2 Plots. University of Glasgow, 2014

Language and Complex Systems (4 lectures), University of Glasgow, 2014.

Complex Systems for Corpus and Historical Linguistics, University of Helsinki, 2014.

Complex Systems and Digital Humanities: New Approaches to Language and Culture, Åbo Akademi (Turku, Finland), 2014

The Linguistics of Speech: Corpus Linguistics and Variation, University of Glasgow, 2013. [≠ Oulu talk]

The Linguistics of Speech: Corpus Linguistics and Variation, University of Oulu, 2013.

Computer Simulation of Dialect Feature Diffusion: A Case Study in the New Humanities, University of Glasgow, 2013

The Future of English Language Studies, University of Leeds, 2012.

The Complex Adaptive System of Speech: Corpus Linguistics, Lexicogrammar, and Variation, University of Mississippi, 2012.

Open Access to a Large Digital Humanities Project: The UGA Library and the Linguistic Atlas, Open Access lecture Series, UGA Library, University of Georgia, 2012.

Applications of Complexity Theory to Problems in Language Study, University of Stockholm, 2012.

Complexity Theory in Language Study: Corpus Linguistics, Lexicogrammar, and Variation, University of Tennessee, 2012

Complex Systems and Sociolinguistics, Cambridge University, 2012

Three Applications of Complexity Theory to Practical Problems in Language Study, Vrije University of Amsterdam, 2012.

The 80/20 Rule in English Grammar and Historical Studies, University of Stavanger, 2010

Empirical Linguistics Lecture Series (3 lectures), Brigham Young University, 2009

Roswell Voices and Community Language Studies. University of Oulu, 2009

Digital Audio Recovery and the Digital Archive of Southern Speech, University of Helsinki, 2009

Variation Online and the Linguistics of Speech, Variation Online Symposium, University of Glasgow, 2009.

Forty Years of English Language Studies, Bailey Symposium on English Language Studies, University of Michigan, 2008.

Survey Research Methods for the Linguistics of Speech, Symposium on New Linguistic Methodologies, University of Bamberg, 2008.

Black and White Speech in Atlanta: Evidence from Linguistic Survey Research, University of Regensburg, 2008

\*Language and Region, University of Michigan, 2008.

Lexical Richness, University of Cambridge, 2008.

\*Southern Accents Past and Present. Natchez (MS) Literary and Cinema Conference, 2007.

Anarchy or Chaos: How Language Makes and Breaks the Rules. University of North Texas, 2006.

Using Self-Organizing Maps to Understand Language Variation. University of Groningen, 2004.

Southern English by the Numbers. Inaugural Lecture for CHA Willson Professorship, UGA, 2004. [ LAVIS-3 2004]

Distributional Properties of Language in Use: Zipf's Law and Implications for Ecology of Language Use. University of Chicago, 2002.

Language Variation and Colonial American English. University of Chicago, 2001.

Linguistic Geography and Historical Linguistics. University of Regensburg, July 2000.

Gilliéronian Linguistics, York University, York, England, 1997.

Urban Dialects and an American Standard English, University of Helsinki, Helsinki, Finland, 1997.

\*Dimensions of American English. Odense University, Odense, Denmark, 1996.

Modeling Language Variation. Queen's University, Belfast, 1996.

Postmodern Dialectology. University of Chicago, 1996.

\*American English for the 21st Century. University of Zurich, 1994.

Quantitative Analysis of Dialect Features. University of Regensburg, 1994.

\*Dimensions of Variation in American English Vocabulary. University of Cologne, University of Regensburg, 1994.

Prospects for Computerizing the American Linguistic Atlas. University of Bamberg, 1984.

Using Computers for Data-Oriented Linguistic Projects. University of Wisconsin-Milwaukee, 1983

\*Three Stories in Search of an Author: The Narrative Versions of Havelok. New York University, 1980.

Sessions organized and chaired.

Program Committee, Duke Forest Conference (economics), Raleigh, 2016.

Program Committee, Diachronic Corpus Conference, Nottingham, 2016.

Co-Host, DSNA, Athens, 2013.

Host, SECOL 78, Callaway Gardens, 2011

Workshop on Geolinguistics, NWAV 39, San Antonio, 2010

Workshop on Creating Public Corpora, NWAV 38, Ottawa, 2009

Host, Studies in the History of the English Language (SHEL) 5, 2007.

American Dialect Society Program, LSA/ADS, 2007.

Host, "Linguistics in the 21st Century: Perspectives and Challenges," CHA Conference, 2006.

American Dialect Society Program, LSA/ADS, 2006.

Workshop on Computational Techniques in Dialectometry, International Methods in Dialectology Conference, New Brunswick (Canada), 2005.

Special Session: Atlanta Survey Project, ADS/LSA, 2005.

Scientific Committee, Sociolinguistics Symposium 15 (SS15; primary British/European conference in the field), Newcastle, 2004

Organizing committee, Invited Speaker, LAVIS-3 (Language Variety in the South), Tuscaloosa, 2004.

Host, annual joint meeting of the Association for Computers and the Humanities and the Association for Literary and Linguistic Computing, Athens, 2003.

Local Arrangements Committee (chair, Resolutions Committee), Linguistic Society of America [primary annual national meeting in linguistics], Atlanta, January 2003.

Special Workshop on Computational Techniques in Dialectometry, International Methods in Dialectology Conference, Joensu (Finland), 2002.

Session Chair, Presession on Language Variation and Historical Linguistics, NWAVE, Raleigh, 2001.

Session Chair, International Congress on Methods in Dialectology, St. Johns (Nfld), 1999.

Chair, Lexicography Discussion Group, MLA, 1998.

Host, NWAVE [primary annual international meeting in sociolinguistics], Athens, 1998

Chair, Lexicography Discussion Group, MLA, 1996.

Chair, American Dialect Society session, MLA, 1996.

Chair, Language and Identity, MLA, Chicago, 1995.

Host (with Ellen Johnson), SECOL, Athens, 1995.

Session Chair, NWAVE 22, Ottawa, 1993.

Chair, Mapping and Methods Panel, Conference on Language Variety in the South II, Auburn, 1993.

Chair, Present Day English Session, MLA Convention, 1992.

Host, Workshop on Computer Methods in Dialectology (Athens, sponsored by American Dialect Society, English Dept.), 1989.

Chair, ADS Newberry Library sessions, MLA, 1985 (Chicago).

Chair, Old and Middle English Section, MMLA, 1985 (St. Louis).

Chair, ADS Program, MMLA 1984 (Bloomington).

4. **Public Service** (since tenure in 1989)

The Science of American English Dialects. Athens Science Café, 2017

Southern Dialects: What's Happening? Presentation for Oconee Rotary Club, 2014.

Presentation on Southern Speech for Magnolia Storytelling Festival, Roswell, 2007.

Presentation for Roswell Folk and Heritage Bureau, 2006. [with Claire Andres, Rachel Votta]

Presentation for Roswell Rotary Club, 2005.

Presentation for Roswell Historical Society, 2005.

Collaboration with Roswell Convention and Visitors Bureau on Community Language project, including Georgia Humanities Council Grant Proposals, 2002-.

Lecture on Making Dictionaries for Lenbrook Retirement Community, Atlanta, 2002.

Lecture on American Dialects for Philanthropic Educational Organization (PEO), Athens Chapter, 2000.

Lecture on American English for the Atlanta International School, 1990.

Radio interviews on WSB (several), ABC Radio Network (Lee Leonard Show), frequent newspaper interviews.

Consultation with Georgia State Department of Industry, Tourism, and Trade, to help recruit businesses for the state.

5. **University Service** (since tenure in 1989)

University System of Georgia: Faculty Advisory Group for IIT Strategic Plan (2001), OIIT Action Planning Groups (1.2, 3; 2002).

University Committees: NEH Summer Stipend Review Committee (1989-92), Foreign Travel Funding Committee (1989-98), Campus Information Technology Forum (1993-99, Chairman 1996-98), General Studies Task Force (1994-95), Technology Expo 96 Committee (1995-96), Information Technology Policy Board (1996-2001), Information Technology Advisory Board (2001-04), Information Technology Executive Committee (1996-98), Information Technology Assessment Committee (spokesman, 1996-97), Technology Fee Committee (1997-98), Electronic Dissertation Committee (1997-98), Instructional Technology Advisory Committee (1997-98, 1999-2000), Cognitive Science Steering Committee (1998-2001), Academic Affairs Faculty Symposium Committee (1998-99), University Research Professionals Review Committee (1999), James L. Carmon Scholarship Committee (2000-2001), Program Review Committee for Department of Romance Languages (chair, 2000-2001), Program Review Committee for Department of Germanic and Slavic Languages (2005-06), Committee for Applied Instructional Technology (2001-2007; chair, Academic Computing subcommittee, 2005-2007), institutional representative for Text Encoding Initiative (TEI; 2001-); Research Computing Advisory Committee (2003-2009); Honors Program Mentor (2005-2011), OVPR Research Advisory Council (2009-2012), Student Technology Fee Committee (2009-2011); Willson Center Senior Faculty Grant program (chair, 2009-2010); Fulbright Review Committee (2009-2010, 2012, 2015); Program Review Committee for Institute of Bioinformatics (2010); Academic Analytics Task Force (2011-2012); MyProfile Working Group, Publications Group (2012-2014); ACJ Creative Research Award Selections Committee (2012-2015); DigiLab Advisory Committee (2015-); Georgia Institutes of Informatics Planning Committee (2015-2016); Georgia Institutes of Informatics Advisory Committee (2016-), Complex Systems Research Seminar (founded, 2016-).

University of Georgia Research Foundation: Committee on Intellectual Property (2007-2011).

College Committees: Franklin College Computing Committee (1993-2002; chairman, 1994-96, 2001-2002; ex officio 1996-2001); Strategic Theme 6 (Technology; 1994), Post Tenure Review (Romance Languages, 2006, 2010), Alfred Steer Professorship Review Committee (2006-07).

English Department Committees: Graduate Committee (1987-90, 91-92, 93-94, 99-2001, 2002-04), Head's Advisory Committee (1989-93), Computer Committee (1993-2004, 2006-2008; design and implementation of Park Hall network infrastructure, with David Payne, 1996), Post Tenure Review (2x1997, 1998, 1999, 2000, 2002), Promotions (2000, 2002, 2005), Appeals Committee (1998, 2000), Undergraduate Committee (2008-2011).

Linguistics Program: Procedures Committee (chair, 1991), Bylaws Committee (chair, 1992), Executive Committee (1993-95), Director (1996-99), Advisory Committee (2002-2003, 2005-2007).

Searches: English Language ASTP (chair, 1994-95), Linguistics Syntax ASTP (chair, 1997-98), Baldwin Chair PROF (Baugh recruitment, 1997-98), Georgia Center ALP (1998), Sterling-Goodman Chair PROF (1998-99), Georgia Center Division Director (1999), English Medieval Literature ASTP (chair, 1999-2000), Humanities Computing ASTP (chair, 2001-02), Phonetics/Phonology ASTP (chair, 2001-02), Franklin Fellow (2006), Director of UGA Oxford Program (chair, 2006-07), English Medieval Literature ASTP (2007-08), Digital Humanities Cluster hire (2010-2011), Romance Languages (2013).

Information Technology Management: academic liaison for IBM consulting effort to develop a University Data Warehouse (1999-2001); director of UGA Computer/Information Literacy Program (1999-2001).

International Education: Faculty in Residence, UGA at Oxford, Fall 2013. Established new UGA student exchange program with the Free University of Amsterdam, 2013. Established internships with OED/OUP, OUCS for UGA at Oxford, 2011. Faculty in Residence, UGA at Oxford, Fall 2004. Exchange Junior Faculty Mentor, 2003-2004; OIE Computing Committee, 2005-2010; International Education Task Force (2006-07).

6. **Narrative Account of Research**

My current research falls naturally into three complementary areas, language variation, lexicography, and corpus linguistics.

I am acknowledged to be the third director of the American Linguistic Atlas project, which was started in 1929 under the sponsorship of the American Council of Learned Societies, and now has the sponsorship of the American Dialect Society. My role as director includes management of the national archive of Linguistic Atlas dialect survey materials (held in the UGA Library), but also includes direction of an active research program based on the data collected for the Linguistic Atlas. For each large region surveyed for the Atlas (a pilot project in New England, and then other wide areas across the country), communities were chosen with regard to culture, settlement, and demographics so as to include historically important places and cultural groups within an even spread of area and population. Within the communities two speakers were normally selected as representative of the community because of life-long residence there, one a member of the oldest living generation with little education or compensating experience, one younger and better educated with a less insular outlook. In 20% of the communities a member of a local elite was interviewed. Questioning styles avoided "how do you say..." questions in favor of less-direct approaches in order to reduce the formality of the interview situation. Interviewers took down responses in detailed phonetic transcriptions, indicated any special circumstances of responses, captured informants' comments, and made a detailed biographical sketch for each informant. While some interviews are still in progress and more are planned for the Western states, the bulk of the survey data was collected between 1930 and 1976 (see Kretzschmar et al. 1993), resulting in several million responses from the thousands of speakers who were each asked over 800 questions.

Under my direction responses from the Linguistic Atlas of the Middle and South Atlantic States (LAMSAS) have been computerized. During the 1980s I developed the means for display and output of phonetics on small computers which we needed for encoding Atlas responses, and programmed data structures for comprehensive storage of Atlas materials (see Kretzschmar et al. 1993). A major grant from NEH allowed for encoding of the first 150 questions from LAMSAS; data encoding continues as funding is available, such as funding from NSF for entry of all African-American data from LAMSAS and from Gullah interviews carried out with the same methods. We are nearing completion of keyboarding of LAMSAS data, and plan to move on to the New England and North-Central surveys next. The Atlas employs multiple undergraduates, often as part of the CURO undergraduate research program, to assist with additional digitization.

Another major grant from NEH allowed us to make digital copies from reel-to-reel audio tape of all existing Linguistic Atlas audio interviews. The first product of the recovery effort, the Digital Archive of Southern Speech (DASS; 64 interviews, released on portable USB drives), makes the audio files available as a public corpus, which includes topical indexing of interviews, review of every interview to exclude ("beep out") sensitive information to protect our speakers, and creation of files in both WAV and MP3 formats for different audiences. Eventually all interviews will be available to the public through the Linguistic Data Consortium, and we will distribute MP3 versions freely on the Web. Development efforts on this project have given us a leading role in international efforts to save and make public legacy data in dialectology and sociolinguistics. More recently, we received a grant from NSF to conduct forced alignment and automated phonetic analysis of the DASS interviews.

Computerization has also included visualization of Atlas data. The first efficient computer plotting of the lexical data was accomplished with the LAMSASplot program, for Macintosh computers (see Kirk and Kretzschmar 1992). The program allowed users to select any single text string, whether a unique string or a string contained in responses, and the program plotted the occurrence of the string on a base map of the survey region on screen (or later printout). Each plot took about 90 seconds, compared to the 6-8 hours needed to draw a similar map manually from the field records. This program has been recapitulated now, with significant improvements, on the LAP web site using the normal Google map API. We set the standard in our field with the first version of our Atlas Web site--and found that the site was popular with the general public as well as specialists.

We have also subjected Atlas data to inferential statistics and analytical procedures from technical geography. The first step in this effort was the reconception of LAMSAS survey data to determine its fit for statistical testing (see Kretzschmar and Schneider 1996). Reevaluation of the complex data set has paved the way for quantitative analyses, which in turn yielded important insights about the distributions of linguistic features in space and in society--how language works not in the mind, but in actual use in areas and communities. Neural network analysis of field data also informs us about how we might perceive and evaluate language in neuroscience (see Kretzschmar 2008).

Initial analysis demonstrated the possibility of using statistical methods to determine statistically significant differences in the use of linguistic features in different areas; significant boundaries often corresponded to isoglossic boundaries posited by traditional, subjective methods, but always revealed more detailed insights than were previously available (e.g. Kretzschmar 1992). Further inferential univariate tests were carried out on speaker characteristics other than location. It is normally the case, for the questions upon which a comprehensive set of univariate tests has been run, that several factors have proven to be significant (e.g. age, education, and location, all at the same time): these results reveal both that the smallest features of language (like verbal particles) can show marked distributions, and that any linguistic feature is subject to complex patterns of regional and social marking (Kretzschmar and Schneider 1996).

Univariate statistics derived from multivariate procedures such as discriminant analysis show the same plurality of significant results, but multivariate analysis per se has not proven to be satisfactory in exploration of the relationship between significant factors. I have established parameters for complex modeling of language variation by demonstration of the application to language variation of procedures from technical geography like spatial autocorrelation (Lee and Kretzschmar 1993) and density estimation (DE; e.g. Light and Kretzschmar 1996, Kretzschmar 1996 "Areal Analysis"). Deanna Light won the UGA's Carmon Award for creative use of computing for her execution of density estimation algorithms under my direction. As with my initial work with multiple comparison techniques, DE plots generally correspond to isoglosses posited by traditional, subjective methods, but always reveal more detailed insights than previously available. Moreover, DE plots are perhaps the best visualization technique ever devised for areal linguistic analysis, and lead to important advances in conceptualization of language variation (e.g. Kretzschmar 1996 "Foundations," which posits a relationship between the vocabulary in different American regions). I received an NSF grant (1999-2002), in collaboration with J.C. Thill (a technical geographer), to employ neural networks in Self-Organizing Maps to build complex multidimensional models of language variation based on LAMSAS evidence. In a series of recent articles, I have contributed to the literature on how one might best interpret the results of such neural network analysis of language data.

Such analysis is motivated by much the same approach as basic research in the biological sciences: while there are indeed important applications to be developed later, it is important in the first place to understand the basic behavior of the phenomena under study, here how language in use can vary and how it typically does vary. My work illustrates the range of ideas relevant to language in use, from the fact that linguistic features tend to cluster in space (e.g. Kretzschmar 1996 "Dimensions" ), to the fact that there is a common asymptotic curve (A-curve) which describes the relationship between frequency of linguistic types and tokens (Kretzschmar and Tamasi 2003), to the fact that we can currently explain only a small proportion of the variation that we observe in language in use with reference to social and regional factors--all primary ideas that have emerged from Atlas research under my direction. My research seeks to establish the validity of complex model building for language variation (e.g. Kretzschmar and Celis 1997), parallel to the econometric and climatological models used with success in other fields. My 2009 book, *The Linguistics of Speech*, uses findings from language in use to show that speech is a complex system, as already described in sciences ranging from physics to ecology to economics. Order emerges from such systems by means of self-organization, but the order that arises from speech is not the same as what linguists study under the rubric of linguistic structure. Speakers perceive what is "normal" or "different" for regional/social groups and for text types according to the A-curve: the most frequent variants are perceived as "normal," less frequent variants are perceived as "different," and since particular variants are more or less frequent among different groups of people or types of discourse, the variants come to mark identity of the groups or types by means of these perceptions (plus nonlinguistic information). The notion of "scale" (how big are the groups we observe, from local to regional/social to national) is necessary to manage our observations of frequency distributions. Complex systems analysis will be the focus for my continuing quantitative work on language variation data, including sociolinguistic interviews in Roswell as well as survey research findings.

My long-term field site in Roswell, GA, was started in 2002 at the invitation of local authorities from the Convention and Visitors Bureau and its associated Folk and Heritage Bureau. We have now collected over 70 conversational interviews that provide oral history for the culture of Roswell and also provide linguistic evidence. As implied by the name "Roswell Voices," we have found a number of cultural patterns in the city with corresponding linguistic characteristics, and we are able to study change in these patterns over three generations. Roswell Voices has become the first (and so far only) North American member of the European Union's Living Laboratory network, an EU initiative to improve innovation and global competitiveness in business. The EU does not want to lose the local distinctiveness of its communities to globalization, and Roswell Voices is considered to be a good model for documentation of local language and culture that can be spread worldwide through the Living Laboratories network.

Atlas research led directly to my work on American pronunciation for dictionaries. Contrary to the naive but general view, dictionaries do not strive merely to be authoritative, but to be the best possible witness to the language as a foundation for their authority. Thus my access to and familiarity with large bodies of actual American pronunciation qualified me to work with Oxford University Press, which has traditionally prized such experience. I have cooperated with Clive Upton, one of the leading dialectologists in Britain, since 1987 to create the guidelines for the pronunciation system for British and American English that now has been accepted for inclusion in the *Oxford English Dictionary*, generally regarded as the foremost dictionary of any language (see Upton, Kretzschmar, and Konopka 2001). My American transcriptions appear in a range of Oxford American dictionaries. They have been licensed to Philips for research, and have provided the content base for research into speech synthesis. Besides the system for and execution of the pronunciations themselves, we have worked with Oxford to devise appropriate computer means of storage and output for the IPA transcriptions. From 1992 to 1997, the primary computer maintenance of Oxford phonetic transcriptions took place here at UGA; we continue to cooperate with Oxford staff on both sides of the Atlantic regarding the development of both text encoding methods and pronunciation keys, and most recently on speech synthesis. Eric Rochester won the UGA's Carmon Award for creative use of computing for his development of a system to store and manipulate pronunciation data. I have proposed a system of speech synthesis based on our files for Oxford dictionaries, and at one time had a contract to do so for the new Mac OS X, but this work has not proceeded so far. A new edition of our Oxford pronunciation sets has been published by Routledge in 2017.

Corpus linguistics has been a natural extension of the work described above. I made it my business to become informed about it in the early 1990s by attending and giving papers at the annual meeting of ICAME, which developed as a European organization (few Americans have been involved) out of early corpus work in England. In the mid 1990s I contributed to the statistics of corpus linguistics, and also became associated with the development of the American National Corpus project through my association with Oxford. I arranged for Western States interviews to be submitted to the ANC for its spoken corpus. I have also applied my interest in corpus linguistics to the tobacco documents, for which I have supervised the plan for corpus creation, corpus analysis, and computer presentation (www.tobaccodocs.uga.edu). A PhD student worked with me to create an innovative virtual corpus of over 5 billion words, an order magnitude larger than other non-commercial corpora of American English. This work has also resulted in private consulting opportunities, including my formation of a consulting group for commercial applications in 2003 (see www.text-tech.com) and submission of a patent application.