

VITA

## KIMBALL WILLIAM BRACE

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Kimball Brace is the president of Election Data Services Inc., a consulting firm that specializes in redistricting, election administration, and the analysis and presentation of census and political data. Mr. Brace graduated from the American University in Washington, D.C., (B.A., Political Science) in 1974 and founded Election Data Services in 1977.

### **Redistricting Consulting**

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Activities include software development; construction of geographic, demographic, or election databases; development and analysis of alternative redistricting plans; general consulting, and onsite technical assistance with redistricting operations.

#### *Congressional and Legislative Redistricting*

Arizona Independent Redistricting Commission: Election database, 2001

Arizona Legislature, Legislative Council: Election database, 2001

Colorado General Assembly, Legislative Council: Geographic, demographic, and election databases, 1990–91

Connecticut General Assembly

- Joint Committee on Legislative Management: Election database, 2001; and software, databases, general consulting, and onsite technical assistance, 1990–91
- Senate and House Democratic Caucuses: Demographic database and consulting, 2001

Florida Legislature, House of Rep.: Geographic, demographic, and election databases, 1989–92

Illinois General Assembly

- Speaker of House and Senate Minority Leader: Software, databases, general consulting, and onsite technical assistance, 2000–02,
- Speaker of House and President of Senate: Software, databases, general consulting, and onsite technical assistance, 2009–2012, 1990–92, and 1981–82

Iowa General Assembly, Legislative Service Bureau and Legislative Council: Software, databases, general consulting, and onsite technical assistance, 2000–01 and 1990–91

Kansas Legislature: Databases and plan development (state senate and house districts), 1989

Massachusetts General Court

- Senate Democratic caucus: Election database and general consulting, 2001–02
- Joint Reapportionment Committees: Databases and plan development (cong., state senate, and state house districts), 1991–93, 2010–2012

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**(Redistricting Consulting, cont.)**

Michigan Legislature: Geographic, demographic, and election databases, 1990–92; databases and plan development (cong., state senate, and state house districts), 1981-82

Missouri Redistricting Commission: General consulting, 1991–92

Commonwealth of Pennsylvania: General consulting, 1992

Rhode Island General Assembly and Reapportionment Commissions

- Software, databases, plan development, and onsite assistance (cong., state senate, and state house districts), 2010-2012, 2001–02 and 1991–92
- Databases and plan development (state senate districts), 1982-83

State of South Carolina: Plan development and analysis (senate), U.S. Dept. of Justice, 1983–84

Local Government Redistricting

Orange County, Calif.: Plan development (county board), 1991–92

City of Bridgeport, Conn.: Databases and plan development (city council), 2011-2012 and 2002–03

Cook County, Ill.: Software, databases, and general consulting (county board), 2010-2012, 2001–02, 1992–1993, and 1989

Lake County, Ill.: Databases and plan development (county board), 2011 and 1981

City of Chicago, Ill.: Software, databases, general consulting, and onsite technical assistance (city wards), 2010-2012, 2001–02 and 1991–92

City of North Chicago, Ill.: Databases and plan development (city council), 1991 and 1983

City of Annapolis, Md.: Databases and plan development (city council), 1984

City of Boston, Mass.: Databases and plan development (city council), 2011-2012, 2001-2002, and 1993

City of New Rochelle, N.Y.: Databases and plan development (city council), 1991–92

City of New York, N.Y.: Databases and plan development (city council), 1990–91

Cities of Pawtucket, Providence, East Providence, and Warwick, and town of North Providence, R.I.: Databases and plan development (city wards and voting districts), 2011-2012, 2002

City of Woonsocket and towns of Charlestown, Johnston, Lincoln, Scituate and Westerly, R.I.: Databases and plan development (voting districts), 2011-2012, 2002; also Westerly 1993

City of Houston, Tex.: Databases and plan development (city council), 1979 — recommended by U.S. Department of Justice

City of Norfolk, Va.: Databases and plan development (city council), 1983–84 — for Lawyers' Committee for Civil Rights

Virginia Beach, Va.: Databases and plan development (city council), 2011-2012, 2001–02, 1995, and 1993

Other Activities

International Foundation for Electoral Systems (IFES) and U.S. Department of State: redistricting seminar, Almaty, Kazakhstan, 1995

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Library of Congress, Congressional Research Service: Consulting on reapportionment, redistricting, voting behavior and election administration

National Conference of State Legislatures (NCSL): Numerous presentations on variety of redistricting and election administration topics, 1980 - current

## **Election Administration Consulting**

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Activities include seminars on election administration topics and studies on voting behavior, voting equipment, and voter registration systems.

Prince William County, VA:

2013 – Appointed by Board of County Supervisors to 15 member Task Force on Long Lines following 2012 election. Asked and appointed by County’s Electoral Board to be Acting General Registrar for 5-month period between full-time Registrars.

2008 - current – poll worker and now chief judge for various precincts in county

U.S. Election Assistance Commission (EAC): Served as subcontractor to prime contractors who compiled survey results from 2008 and 2010 Election Administration and Voting Survey.

U.S. Election Assistance Commission (EAC): Compile, analyze, and report the results of a survey distributed to state election directors during FY–2007. Survey results were presented in the following reports of the EAC: *The Impact of the National Voter Registration Act of 1993 on the Administration of Elections for Federal Office, 2005–2006, A Report to the 110th Congress*, June 30, 2007; *Uniformed and Overseas Citizens Absentee Voting Act (UOCAVA), Survey Report Findings*, September, 2007; and *The 2006 Election Administration and Voting Survey, A Summary of Key Findings*, December, 2007.

U.S. Election Assistance Commission (EAC): Compile, analyze, and report the results of three surveys distributed to state election directors during FY–2005: Election Day, Military and Overseas Absentee Ballot (UOCAVA), and Voter Registration (NVRA) Surveys. Survey results were presented in the following reports: *Final Report of the 2004 Election Day Survey*, by Kimball W. Brace and Dr. Michael P. McDonald, September 27, 2005; and *Impact of the National Voter Registration Act of 1993 on the Administration of Elections for Federal Office, 2003–2004, A Report to the 109th Congress*, June 30, 2005.

Rhode Island Secretary of State: Verification of precinct and district assignment codes in municipal registered voter files and production of street files for a statewide voter registration database, on-going maintenance of street file, 2004-2006 and 2008-present.

Rhode Island Secretary of State, State Board of Elections & all cities & towns: production of precinct maps statewide, 2012, 2002, 1992

District of Columbia, Board of Elections and Ethics (DCBOEE): Verification of election ward, Advisory Neighborhood Commission (ANC), and Single-Member District (SMD) boundaries and production of a new street locator, 2003. Similar project, 1993.

Harris County, Tex.: Analysis of census demographics to identify precincts with language minority populations requiring bilingual assistance, 2002–03

**(Election Administration Consulting, cont.)**

Cook County, Ill., Election Department and Chicago Board of Election Commissioners:

- Analysis of census demographics to identify precincts with language minority populations requiring bilingual assistance, 2010-2013, 2002-03
- Study on voting equipment usage and evaluation of punch card voting system, 1997

Chicago Board of Election Commissioners: Worked with Executive Director & staff in Mapping Dept. to redraw citywide precincts, eliminate over 600 to save costs, 2011-12

Library of Congress, Congressional Research Service: Nationwide, biannual studies on voter registration and turnout rates, 1978-2002

U.S. General Accounting Office (GAO), U.S. Dept. of Justice, and numerous voting equipment vendors and media: Data on voting equipment usage throughout the United States, 1980-present

Needs assessments and systems requirement analyses for the development of statewide voter registration systems:

- Illinois State Board of Elections: 1997
- North Carolina State Board of Elections, 1995
- Secretary of Commonwealth of Pennsylvania, 1996

Federal Election Commission, Office of Election Administration:

- Study on integrating local voter registration databases into statewide systems, 1995
- Nationwide workshops on election administration topics, 1979-80
- Study on use of statistics by local election offices, 1978-79

Cuyahoga County, Ohio, Board of Elections: Feasibility study on voting equipment, 1979

Winograd Commission, Democratic National Committee: Analysis of voting patterns, voter registration and turnout rates, and campaign expenditures from 1976 primary elections

## **Mapping and GIS**

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Activities include mapping and GIS software development (geographic information systems) for election administration and updating TIGER/Line files for the decennial census.

2000 Census Transportation Planning Package (CTPP), 1998-99: GIS software for the U.S. Department of Transportation to distribute to 400 metropolitan planning organizations (MPOs) and state transportation departments for mapping traffic analysis zones (TAZs) for the 2000 census; provided technical software support to MPOs

Census 2000 Redistricting Data Program, Block Boundary Suggestion Project (Phase 1) and Voting District Project (Phase 2), 1995-99: GIS software and provided software, databases, and technical software support to the following program participants:

- Alaska Department of Labor
- Connecticut Joint Committee on Legislative Management
- Illinois State Board of Elections
- Indiana Legislative Services Agency
- Iowa Legislative Service Bureau
- New Mexico Legislative Council Service

**(Mapping & GIS Support, cont.)**

- Rhode Island General Assembly
- Virginia Division of Legislative Services

Developed PRECIS<sup>®</sup> Precinct Information System—GIS software to delineate voting precinct boundaries—and delivered software, databases, and technical software support to the following state and local election organizations (with date of installation):

- Cook County, Ill., Department of Elections (1993)
- Marion County, Fla., Supervisor of Elections (1995)
- Berks County Clerk, Penn. (1995)
- Hamilton County, Ohio, Board of Elections (1997)
- Brevard County, Fla., Supervisor of Elections (1999)
- Osceola County, Fla., Supervisor of Elections (1999)
- Multnomah County, Ore, Elections Division (1999)
- Chatham County, Ga., Board of Elections (2000)
- City of Chicago, Ill., Board of Election Commissioners (2000)
- Mahoning County, Ohio, Board of Elections (2000)
- Iowa Secretary of State, Election and Voter Registrations Divisions (2001)
- Woodbury County, Iowa, Elections Department (2001)
- Franklin County, Ohio, Board of Elections (2001)
- Cobb County, Ga., Board of Elections and Voter Registration (2002)

Illinois State Board of Elections, Chicago Board of Election Commissioners, and Cook County Election Department: Detailed maps of congressional, legislative, judicial districts, 1992

Associated Press: Development of election night mapping system, 1994

**Litigation Support**

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Activities include data analysis, preparation of court documents and expert witness testimony. Areas of expertise include the census, demographic databases, district compactness and contiguity, racial bloc voting, communities of interest, and voting systems. Redistricting litigation activities also include database construction and the preparation of substitute plans.

*Davidson, et al & ACLU of Rhode Island vs. City of Cranston, RI* (2014-15), city council & school committee redistricting with prisoner populations.

*Navaho Nation v. San Juan County, UT* (2014-15) county commissioner & school board districts.

*Michael Puyana vs. State of Rhode Island* (2012) state legislature redistricting

*United States of America v. Osceola County, Florida*, (2006), county commissioner districts.

*Deeds vs McDonnell* (2005), Va. Attorney General Recount

*Indiana Democratic Party, et al., v. Todd Rokita, et al.* (2005), voter identification.

*Linda Shade v. Maryland State Board of Elections* (2004), electronic voting systems

*Gongaley v. City of Aurora, Ill.* (2003), city council districts

*State of Indiana v. Sadler* (2003), ballot design (city of Indianapolis-Marion County, Ind.)

**(Litigation Support, cont.)**

*Peterson v. Borst* (2002–03), city-council districts (city of Indianapolis-Marion County, Ind.)

*New Rochelle Voter Defense Fund v. City of New Rochelle, City Council of New Rochelle, and Westchester County Board Of Elections* (2003), city council districts (New York)

*Charles Daniels and Eric Torres v. City of Milwaukee Common Council* (2003), council districts (Wisconsin)

*The Louisiana House of Representatives v. Ashcroft* (2002–03), state house districts

*Camacho v. Galvin and Black Political Caucus v. Galvin* (2002–03), state house districts (Massachusetts)

*Latino Voting Rights Committee of Rhode Island, et al., v. Edward S. Inman, III, et al.* (2002–03), state senate districts

*Metts, v. Harmon, Almond, and Harwood, et al.* (2002–03), state senate districts (Rhode Island)

*Joseph F. Parella, et al. v. William Irons, et al.* (2002–03), state senate districts (Rhode Island)

*Jackson v. County of Kankakee* (2001–02), county commissioner districts (Illinois)

*Corbett, et al., v. Sullivan, et al.* (2002), commissioner districts (St Louis County, Missouri)

*Harold Frank, et al., v. Forest County, et al.* (2001–02), county commissioner districts (Wisc.)

*Albert Gore, Jr., et al., v. Katherine Harris as Secretary of State, State of Florida, et al., and The Miami Dade County Canvassing Board, et al., and The Nassau County Canvassing Board, et al., and The Palm Beach County Canvassing Board, et al., and George W. Bush, et al* (2000), voting equipment design — Leon County, Fla., Circuit Court hearing, December 2, 2000, on disputed ballots in Broward, Volusia, Miami-Dade, and Palm Beach counties from the November 7, 2000, presidential election.

*Barnett v. Daley/PACI v. Daley/Bonilla v. Chicago City Council* (1992–98), city wards

*Donald Moon, et al. v. M. Bruce Meadows, etc and Curtis W. Harris, et al.* (1996–98), congressional districts (Virginia)

*Melvin R. Simpson, et al. v. City of Hampton, et al.* (1996–97), city council districts (Va.)

*Vera vs. Bush* (1996), Texas redistricting

*In the Matter of the Redistricting of Shawnee County Kansas and Kingman, et al. v. Board of County Commissioners of Shawnee County, Kansas* (1996), commissioner districts

*Vecinos de Barrio Uno v. City of Holyoke* (1992–96), city council districts (Massachusetts)

*Torres v. Cuomo* (1992–95), congressional districts (New York)

*DeGrandy v. Wetherell* (1992–94), congressional, senate, and house districts (Florida)

*Johnson v. Miller* (1994), congressional districts (Georgia)

*Jackson, et al v Nassau County Board of Supervisors* (1993), form of government (N.Y.)

*Gonzalez v. Monterey County, California* (1992), county board districts

*LaPaille v. Illinois Legislative Redistricting Commission* (1992), senate and house districts

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**(Litigation Support, cont.)**

*Black Political Task Force v. Connolly* (1992), senate and house districts (Massachusetts)  
*Nash v. Blunt* (1992), house districts (Missouri)  
*Fund for Accurate and Informed Representation v. Weprin* (1992), assembly districts (N.Y.)  
*Mellow v. Mitchell* (1992), congressional districts (Pennsylvania)  
*Phillip Langsdon v. Milsaps* (1992), house districts (Tennessee)  
*Smith v. Board of Supervisors of Brunswick County* (1992), supervisor districts (Virginia)  
*People of the State of Illinois ex. rel. Burriss v. Ryan* (1991–92), senate and house districts  
*Good v. Austin* (1991–92), congressional districts (Michigan)  
*Neff v. Austin* (1991–92), senate and house districts (Michigan)  
*Hastert v. Illinois State Board of Elections* (1991), congressional districts  
*Republican Party of Virginia et al. v. Wilder* (1991), senate and house districts  
*Jamerson et al. v. Anderson* (1991), senate districts (Virginia)  
*Ralph Brown v. Iowa Legislative Services Bureau* (1991), redistricting database access  
*Williams, et al. v. State Board of Election* (1989), judicial districts (Cook County, Ill.)  
*Fifth Ward Precinct 1A Coalition and Progressive Association v. Jefferson Parish School Board* (1988–89), school board districts (Louisiana)  
*Michael V. Roberts v. Jerry Wamser* (1987–89), St. Louis, Mo., voting equipment  
*Brown v. Board of Commissioners of the City of Chattanooga, Tenn.* (1988), county commissioner districts  
*Business Records Corporation v. Ransom F. Shoup & Co., Inc.* (1988), voting equip. patent  
*East Jefferson Coalition for Leadership v. The Parish of Jefferson* (1987–88), parish council districts (Louisiana)  
*Buckanaga v. Sisseton School District* (1987–88), school board districts (South Dakota)  
*Griffin v. City of Providence* (1986–87), city council districts (Rhode Island)  
*United States of America v. City of Los Angeles* (1986), city council districts  
*Latino Political Action Committee v. City of Boston* (1984–85), city council districts  
*Ketchum v. Byrne* (1982–85), city council districts (Chicago, Ill.)  
*State of South Carolina v. United States* (1983–84), senate districts — U.S. Dept. of Justice  
*Collins v. City of Norfolk* (1983–84), city council districts (Virginia) — for Lawyers' Committee for Civil Rights  
*Rybicki v. State Board of Elections* (1981–83), senate and house districts (Illinois)  
*Licht v. State of Rhode Island* (1982–83), senate districts (Rhode Island)  
*Agerstrand v. Austin* (1982), congressional districts (Michigan)

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**(Litigation Support, cont.)**

*Farnum v. State of Rhode Island* (1982), senate districts (Rhode Island)

*In Re Illinois Congressional District Reapportionment Cases* (1981), congressional districts

**Publications**

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"EAC Survey Sheds Light on Election Administration", *Roll Call*, October 27, 2005 (with Michael McDonald)

*Developing a Statewide Voter Registration Database: Procedures, Alternatives, and General Models*, by Kimball W. Brace and M. Glenn Newkirk, edited by William Kimberling, (Washington, D.C.: Federal Election Commission, Office of Election Administration, Autumn 1997).

*The Election Data Book: A Statistical Portrait of Voting in America*, 1992, Kimball W. Brace, ed., (Bernan Press, 1993)

"Geographic Compactness and Redistricting: Have We Gone Too Far?", presented to Midwestern Political Science Association, April 1993 (with D. Chapin and R. Niemi)

"Whose Data is it Anyway: Conflicts between Freedom of Information and Trade Secret Protection in Redistricting", *Stetson University Law Review*, Spring 1992 (with D. Chapin and W. Arden)

"Numbers, Colors, and Shapes in Redistricting," *State Government News*, December 1991 (with D. Chapin)

"Redistricting Roulette," *Campaigns and Elections*, March 1991 (with D. Chapin)

"Redistricting Guidelines: A Summary", presented to the Reapportionment Task Force, National Conference on State Legislatures, November 9, 1990 (with D. Chapin and J. Waliszewski)

"The 65 Percent Rule in Legislative Districting for Racial Minorities: The Mathematics of Minority Voting Equality," *Law and Policy*, January 1988 (with B. Grofman, L. Handley, and R. Niemi)

"Does Redistricting Aimed to Help Blacks Necessarily Help Republicans?" *Journal of Politics*, February 1987 (with B. Grofman and L. Handley)

"New Census Tools," *American Demographics*, July/August 1980

**Professional Activities**

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Member, Task Force on Long Lines in 2012 Election, Prince William County, VA

Member, 2010 Census Advisory Committee, a 20-member panel advising the Director of the Census on the planning and administration of the 2010 census.

Delegate, Second Trilateral Conference on Electoral Systems (Canada, Mexico, and United States), Ontario, Canada, 1995; and Third Trilateral Conference on Electoral Systems, Washington, D.C., 1996

Member, American Association of Political Consultants

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**(Professional Activities, cont.)**

Member, American Association for Public Opinion Research

Member, American Political Science Association

Member, Association of American Geographers, Census Advisory Committee

Member Board of Directors, Association of Public Data Users

Member, National Center for Policy Alternatives, Voter Participation Advisory Committee

Member, Urban and Regional Information Systems Association

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