Fredric C. Gey
- UC Data Archive & Technical Assistance.
- University of California, Berkeley
- http://ucdata.berkeley.edu/gey.html

Funding sources
Institute for Museum and Library Services Grants:
- Seamless search of textual and numeric databases (1999-2002),
- Going places in the catalog: Improved Geographic Access (2002-2004),
- What Where, When and Why– support for the learner (2004-2006),

Colleagues: Michael Buckland, Ray Larson, Kim Carl, Jeanette Zerneke, host of students including Ryan Shaw and Vivien Petras

Collaboration with Centre for Digitisation, Queens University, Belfast
- Paul Ell, collaborating PI
• Cultural Heritage is usually thought of as the
  – History
  – Art
  – Music
  – Rituals of daily living

which make up the story of a people or a nation, BUT

• Social Statistics also tell a story about a country and culture, for example the

• USA as a “melting pot” of different cultures
The USA (and, if you include Canada and Mexico) North America has a rich statistical history of immigration (not to mention the racial oppression of its native peoples) from 1500 until 1800

- Spain (into the south [Mexico, Florida] and west [New Mexico, California])
- France (into Quebec, Louisiana and later Mexico)
- Netherlands (New Amsterdam later New York)
- England (Canada, the original USA colonies)
Social Statistics as Cultural Heritage
USA Immigration 1830-1910

• After 1800 until 1930, from
  – Ireland
  – Germany
  – Norway & Sweden
  – Italy
  – Russia and Eastern Europe

• After 1950 from
  – East Asia (China, Japan [mostly into Hawaii], Korea, Philippines)
  – Southeast Asia (primarily Vietnam, but also Laos)
  – South Asia (mainly India)

• More recently from
  – Mexico and Central America into the USA
  – Middle East (Iran, Iraq, Israel)
• Immigration from **Germany** – between 1850 and 1930 approximately five million Germans came to the USA
  – One million between 1881 and 1885

• Immigration from **Ireland** – during the same period of time (1850-1930) four and one half million Irish left Ireland for the USA –
  – The Irish Potato Famine 1845-1852 alone drove one million Irish to leave.

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German Immigration to USA

- German population density in 1872
- German immigrants settled mostly in cities (New York, Chicago, Cincinnati, Kansas City, Milwaukee)
- Prior to 9/11, the greatest disaster in NYC was the death of 1,021 people of German descent on a ferry which caught fire on June 15, 1904

Source: Wikicommons
• Enable automatic and manual editorial markup of scanned scholarly materials for personal names and geography
• Recognition of place/person names in middle English and Gaelic
• Combine historical statistics with external search of documents by geographic commonality
Ireland and Irish Studies: Our new approach
Utilize the capabilities of Google Earth

- Obtain historic Irish sub-county boundary files (Baronies and Poor Law Union)
Ireland and Irish Studies: Our new approach

Utilize the KML markup language to integrate statistical data display with scholarly search and browsing by time and place
Search links added to statistical data display
References

  [http://www.dlib.org/dlib/may04/buckland/05buckland.html](http://www.dlib.org/dlib/may04/buckland/05buckland.html)


- Emma Goldman papers ([http://sunsite.berkeley.edu/Goldman/](http://sunsite.berkeley.edu/Goldman/))

Grant home pages

Biography project

• http://ecai.org/imls2006/

Irish project

• http://ecai.org/neh2007/