

Chemistry 2000: *resolving finer detail*

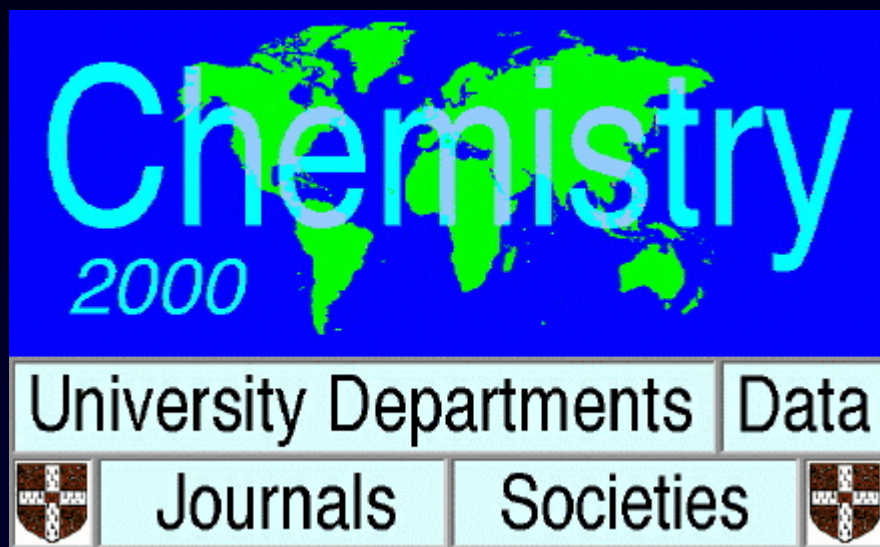
Jonathan M Goodman

Stephen C Allen

Cambridge University

Chemistry 2000

<http://www.ch.cam.ac.uk/c2k/>



(ChemSites)

Chemistry 2000

<http://www.ch.cam.ac.uk/c2k/>

Links for Chemists:

<http://www.liv.ac.uk/Chemistry/Links/links.html>

8500 links (August 2001)

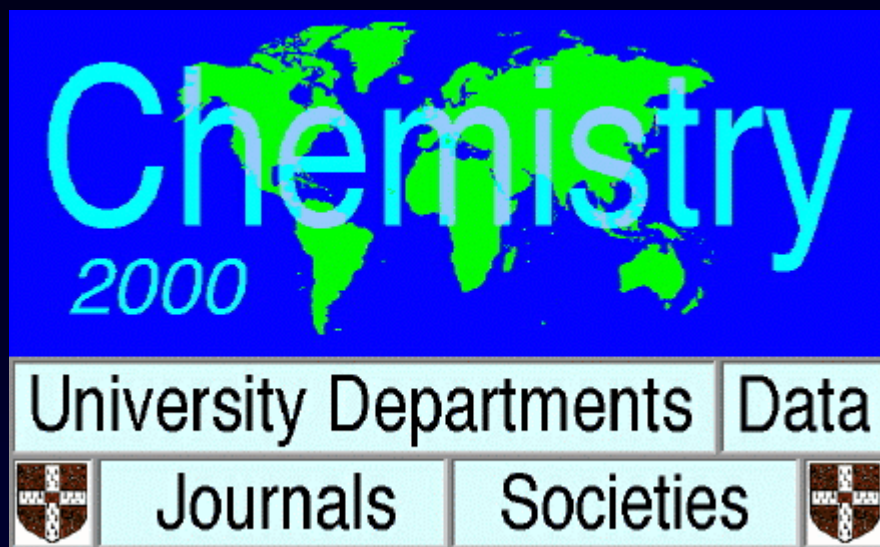


<http://www.chemdex.org/>

5806 links (August 2001) 1 % failure rate

Chemistry 2000

<http://www.ch.cam.ac.uk/c2k/>



Extend list of chemistry departments
to a list of chemists?

Chemistry 2000

<http://www.ch.cam.ac.uk/c2k/>

- Is it sustainable?



Chemistry 2000

<http://www.ch.cam.ac.uk/c2k/>

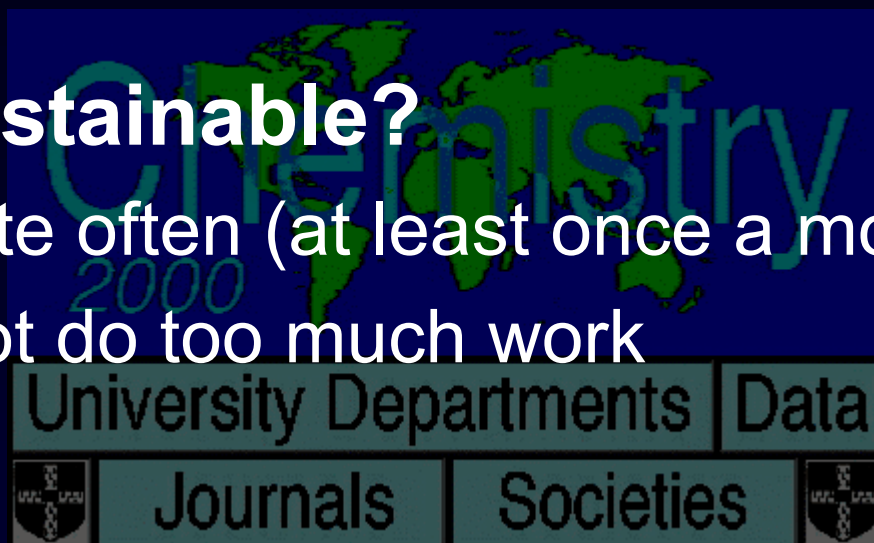
- **Is it sustainable?**
 - Update often (at least once a month?)
 - Do not do too much work



Chemistry 2000

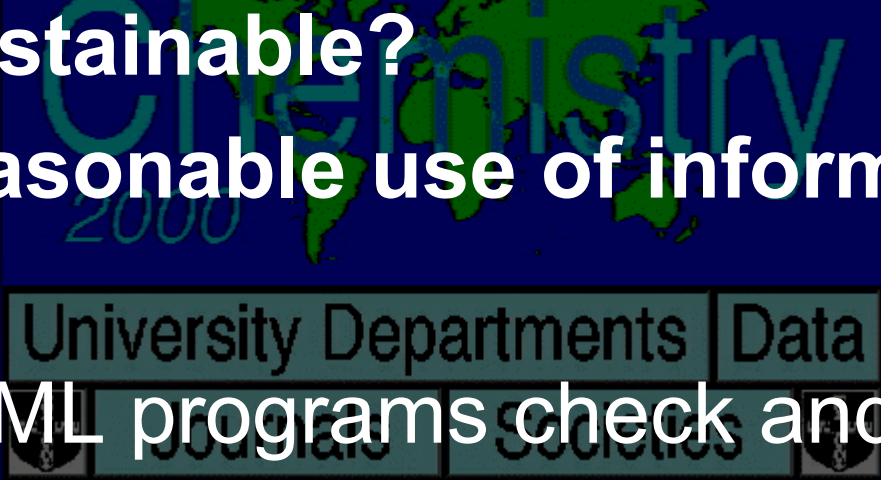
<http://www.ch.cam.ac.uk/c2k/>

- **Is it sustainable?**
 - Update often (at least once a month?)
 - Do not do too much work
- **Is it reasonable use of information?**



Chemistry 2000

<http://www.ch.cam.ac.uk/c2k/>

- 
- The background features a world map with the text 'Chemistry 2000' overlaid. Below the map is a navigation menu with the following items: University Departments, Data, Societies, and Societies.
- Is it sustainable?
 - Is it reasonable use of information?
 - Java/XML programs check and update the list once a month

Chemistry 2000

<http://www.ch.cam.ac.uk/c2k/>

- **Need:**

- free information
- already publicised
 - so should be easy to find
- consistent form



Chemistry 2000

<http://www.ch.cam.ac.uk/c2k/>

- **List of University Chemists:**
 - all academics like publicity
 - a lot of information is available
 - consistent format
 - name; university; research



Chemistry 2000

<http://www.ch.cam.ac.uk/c2k/>

- **List of University Chemists:**
 - all academics like *favourable* publicity
 - a lot of information is available
 - *some good*
 - consistent format, *very often*
 - name; university; research

Chemistry 2000

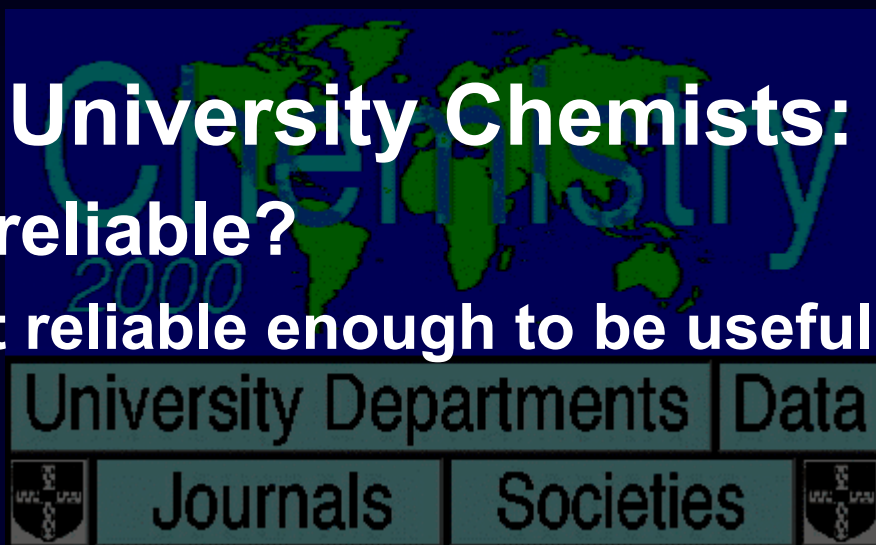
<http://www.ch.cam.ac.uk/c2k/>

- **List of University Chemists:**
 - Extend existing department-checking programs to look for people
 - Is this feasible?
 - Annoying neighbours
 - *robots.txt*

Chemistry 2000

<http://www.ch.cam.ac.uk/c2k/>

- **List of University Chemists:**
 - How reliable?
 - Is it reliable enough to be useful?



Chemistry 2000

<http://www.ch.cam.ac.uk/c2k/>

- **List of University Chemists:**
 - How reliable?
 - Is it reliable enough to be useful?

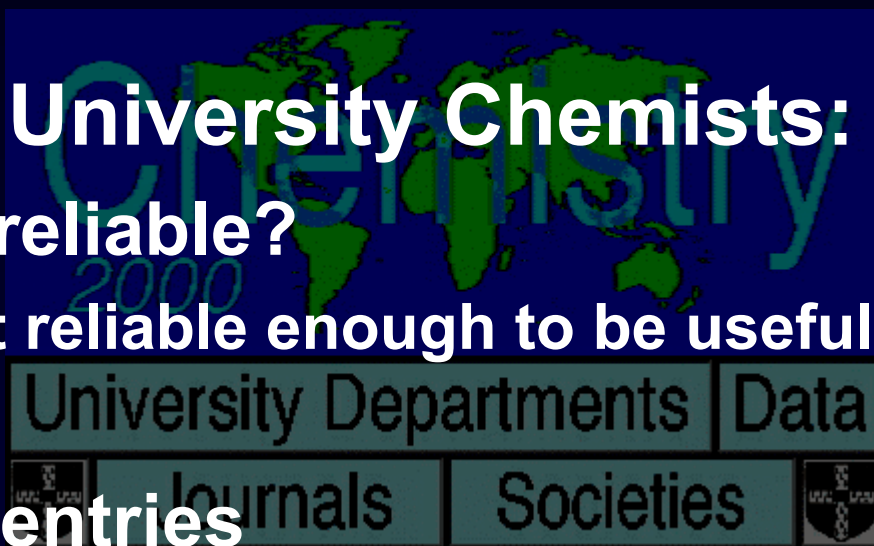
– **8567 entries**



Chemistry 2000

<http://www.ch.cam.ac.uk/c2k/>

- **List of University Chemists:**
 - How reliable?
 - Is it reliable enough to be useful?
 - **8567 entries**
 - Is this a lot?
 - Some entries are not people!



Chemistry 2000

<http://www.ch.cam.ac.uk/c2k/>

- **How to present the results?**
 - 500 files
 - one list for each university
 - 3.3 MB - slow to download
 - Clumsy to search



Chemistry 2000

<http://www.ch.cam.ac.uk/c2k/>

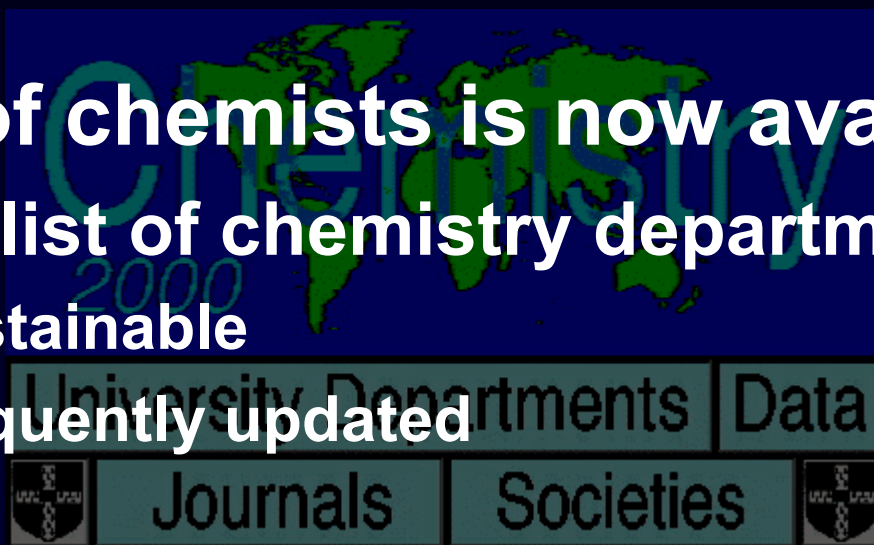
- **How to present the results?**
 - **Java Applet**
 - **Download in compressed format**
 - **jar file**
 - **One file**
 - **< 0.2 MB**
 - **Improved searching**



Chemistry 2000

<http://www.ch.cam.ac.uk/c2k/>

- A list of chemists is now available
 - from list of chemistry departments
 - sustainable
 - frequently updated



Chemistry 2000

<http://www.ch.cam.ac.uk/c2k/>

- A list of chemists is now available
 - from list of chemistry departments
 - sustainable
 - frequently updated



- Fairly comprehensive and accurate

Chemistry 2000

<http://www.ch.cam.ac.uk/c2k/>

- A list of chemists is now available
- How useful is it going to be?



Chemistry 2000

c2k: chemists - Microsoft Internet Explorer

Address <http://www.ch.cam.ac.uk/c2k/stafflist.html> Go

| | | |
|--------|-------------------------------|------|
| UK | Aberdeen | All |
| Europe | Anglia Polytechnic University | |
| USA | Bangor | |
| Rest | Bath | |
| | Belfast (Queen's) | |
| | Birmingham | None |
| | Bristol | |
| | Brunel | |

Dr J M Goodman : Cambridge (UK)
Joshua L. Goodman : New York - Rochester (USA)
MURRAY GOODMAN : California - University of California - San Diego (USA)
Ms. Pat Goodman : Alabama - Samford (USA)

<http://www.ch.cam.ac.uk/CUCL/staff/jmg.html>

| | | |
|---------------------------|---------------------------|--------------------------|
| Magnus chemistry | Display chemist's page -> | Pop chemist's page -> |
| <i>c2k: 8567 chemists</i> | Goodman | Search displayed list... |
| Stephen Allen and | Filter all | Search Again... |
| Jonathan M Goodman | Cambridge University | (c) 2001 |

Applet started Local intranet

Chemistry 2000

c2k: chemists - Microsoft Internet Explorer

Address <http://www.ch.cam.ac.uk/c2k/stafflist.html> Go

| | | |
|--------|---|------|
| UK | Maryland - University of Maryland - Baltimore | All |
| Europe | Massachusetts - Boston | |
| USA | Massachusetts - Clark | None |
| Rest | Massachusetts - Harvard | |
| | Massachusetts - MIT | |
| | Massachusetts - Northeastern | |
| | Massachusetts - Salem State College | |
| | Massachusetts - Simmons College | |
| | | |

Anderson, Prof. James G. : Massachusetts - Harvard
Moungi G. Bawendi : Massachusetts - MIT
Stephen L. Buchwald : Massachusetts - MIT
Jianshu Cao : Massachusetts - MIT
John Caradonna : Massachusetts - Boston
Sylvia T. Ceyer : Massachusetts - MIT
Richard Clarke : Massachusetts - Boston
David F. Coker : Massachusetts - Boston
Corey, Prof. Elias J. : Massachusetts - Harvard
X-Ray crystallography : Massachusetts - Harvard
Christopher C. Cummins : Massachusetts - MIT
Rick L. Danheiser : Massachusetts - MIT
Alan Davison : Massachusetts - MIT
John M. Deutch : Massachusetts - MIT
Dan Dill : Massachusetts - Boston
Doering, Prof. William von E. : Massachusetts - Harvard

<http://www-chem.harvard.edu/faculty/corey.html>

| | | |
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Applet started Local intranet

Acknowledgements

- The Royal Society
- EPSRC
- BBSRC
- EU



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