-Home page - pretty much the way you already designed it. Has grant information displayed, which I guess comes from a template form.

-People - some sort of template form where you put in the name, position, blurb and photo, and it fits it into the page

   -Previous lab members - can be just a text list?

-Current projects - can have templates? Or just plain text

-Resources - list of existing Mines etc.

-Funding - has the grants in more detail (can come from a template form)

-Publications - automatically fetched from somewhere convenient

-News – blog format.

-Contact/join us - plain text/pictures

Sample web pages (for content):

<https://sib.illinois.edu/pittendrigh/>

**Tabs at the top** should be: (some of the content e.g. grants, won’t have its own tab)

-Home

-People

-Projects

-Resources

-Publications

-News

-Contact us

**Home page:**

The current layout (<https://github.com/intermine/design-materials/blob/master/websites/micklem-group/psd/0.png>) is nice, and contains:

* Gos blurb.
* Links to grants. Links to resources (intermine etc.)

Things to change about the layout:

* Tabs at the top need to be much more visible
* Change ‘read more bio’ to ‘Read Gos Micklem Bio’ > link leads to Gos profile
* Replace Random Guy with Selected Publications
* Have sliders at the side of both Grants and Software, so that people can scroll through it. (like for publications at the bottom of the modencode.org page)
* Change ‘Our software’ to ‘Our Projects’
* Swap the positions for the software bit and the grants bit, so that our projects are more prominent than our funding

**Gos front page blurb:**

The Micklem group works at the interface of experimental biology and computer science. We develop InterMine, a data warehouse system for the analysis and integration of complex biological data, as well as specific databases based on the InterMine system, such as FlyMine, modMine and metabolicMine. We also undertake and support genomics research projects in a range of areas, including functional genomics, synthetic biology, and cancer research.

**Grant blurbs:**

Wellcome Trust

HumanMine project <link to grant page>

A 5-year grant aimed at building an extensive data warehouse of human genetic, genomic and proteomic data, based on the InterMine system.

NIH

InterMOD project <link to grant page>

The aim of this project is to establish cross-species analysis tools for a number of major model organisms including budding yeast, nematode worm, rat, mouse and zebrafish.

**Projects blurbs:**

InterMine: a data warehouse system for the integration and analysis of complex biological data <link>

FlyMine: a data mining resource for *Drosophila* genomics <link>

**Gos profile (example of general profile)**

<photo>

Gos Micklem, PhD, all the other titles,

Gos Micklem carried out his PhD and postdoctoral research in budding yeast and *Drosophila* molecular genetics. He later switched to computational research at the Wellcome Trust Sanger Institute, where his work on human genomic sequence annotation formed the basis of the ENSEMBL annotation pipeline.  After three years he joined a biotech start-up company to head bioinformatics, and four years later joined the University of Cambridge Genetics Department. The Micklem group develops the data integration platform, InterMine, and maintains a number of databases which use the InterMine framework, including FlyMine, modMine (as part of the modENCODE project) and metabolicMine. Within the modENCODE project he is co-PI of the Data Coordinating Center. Development is also beginning soon on HumanMine - a data warehouse of human genetic, genomic and proteomic data.  His other research interests include genome sequencing and analysis (*Symbiodinium*, *Stylophora Bdelloid rotifer*), *Toxoplasma* genomics, and synthetic biology.  In 2004 he was made Director of the Cambridge Computational Biology Institute (CCBI).

**Selected publications**

Integrative analysis of the Caenorhabditis elegans genome by the modENCODE project. Gerstein et al. Science 330 : 1775-1787, 2010

Identification of functional elements and regulatory circuits by Drosophila modENCODE. The modENCODE Consortium. Science 330 :1787-1797, 2010

Celniker et al. (2009) Unlocking the secrets of the genome. Nature 459 : 927-930

**Grant page (example of general grant pages)**

**modENCODE project**

Title: A Data Coordination Centre for the Model Organism ENCODE Project.

Funding body: NIH/NHGRI

PI: Lincoln Stein (OICR, Toronto)

Co-investigators: S. Lewis (LBNL, Berkeley), J. Kent (UCSC), G. Micklem (U. Cambridge)

The DCC is providing data management support to the labs participating in the modENCODE project – an international initiative to map the functional elements in Drosophila and C.elegans genomes through a series of high-throughput experiments. The data is accessible as part of modMine <link>, and is also available on the Amazon cloud <link>

Associated publications (if any):

-publication 1

-publication 2

<one or two nice grant pictures somewhere on the page>

**People**

Note: the way we’re gonna deal with not everyone wanting lots of info and pictures is by just having a list of people here (with possibly the projects they work on), and including links to personal profile pages for anyone who wants one. The profile pages will follow the same template as Gos’s profile above – photo, description, interests, publications (any/all that apply). We should cluster people into groups – e.g. all postdocs, all developers, etc.

Gos Micklem, PI

Rachel Lyne, Postdoc

Jelena Aleksic, Postdoc

Mike Lyne, Postdoc

Radek Stepan, Software developer

(Alternatively – have a little subheading saying postdoc, then have e.g.

Rachel Lyne – FlyMine project)

(Also, how do we feel about public email addresses, e.g. [rachel@whatever.org](mailto:rachel@whatever.org) ?)

**Projects**

This is basically going to be one long page of text, broken up into sections, with some photos for each (could probably do it as a table layout or something)

Alternatively, might end up having a landing page with the list of projects, with each of them having an individual page, if I find out that there’s just too many of them.

I don’t think there’s anything sophisticated here in terms of layout though, other than making it respectably formatted.

**Resources**

This is where we link all the live Mines etc., so the format will be:

<logo picture> **FlyMine:** a data mining resource for *Drosophila* genomics

<logo> **modMine:** data portal for *Drosophila* and *C. elegans* data generated by the modENCODE project

etc.

**Publications**

Auto fetched. Should contain standard reference info, and also a link to e.g. PubMed (and/or wherever the paper is published)

**News**

The most standard of blog formats. News articles with some pictures.

**Contact us**

Short text, with maybe a picture. Should have email contact, an address, etc.

Could have a web contact form if that’s considered better than just an email address?