



HEALTH-F4-2007-200754

www.gen2phen.org

D8.2 Launch of the GEN2PHEN Knowledge Centre

WP8 – GEN2PHEN Knowledge Centre

**V3.0
Final**

Lead beneficiary: ULEIC
Date: 11/08/2009
Nature: Report
Dissemination level: PU
(Public)



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	Author(s): Adam Webb (ULEIC)		Version: v3.0 – Final

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Document Information

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Document History

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Definitions

- Partners of the GEN2PHEN Consortium are referred to herein according to the following codes:

ULEIC – University of Leicester (UK) – Coordinator

EMBL – European Molecular Biology Laboratory (Germany) – Beneficiary

FIMIM – Fundació IMIM (Spain) – Beneficiary

LUMC – Leiden University Medical Center (Netherlands) – Beneficiary

INSERM – Institut National de la Santé et de la Recherche Médicale (France) – Beneficiary

KI – Karolinska Institutet (Sweden) – Beneficiary

FORTH – Foundation for Research and Tecnology Hellas (Greece) – Beneficiary

CEA – Commissariat à l’Energie Atomique (France) – Beneficiary

EMC – Erasmus Universitair Medisch Centrum Rotterdam (Netherlands) – Beneficiary

UH.FGC – Helsingin Yliopisto (Finland) – Beneficiary

UAVR – Universidade de Aveiro (Portugal) – Beneficiary

UWC – University of the Western Cape (South Africa) – Beneficiary

CSIR – Council of Scientific and Industrial Research (India) – Beneficiary

SIB – Swiss Institute of Bioinformatics (Switzerland) – Beneficiary

UNIMAN – The University of Manchester (UK) – Beneficiary


BIOBASE – BioBase GmbH. (Germany) – Beneficiary

deCODE – Islensk Erfoagreining EH (Iceland) – Beneficiary

PHENO – Phenosystems S.A. (Belgium) – Beneficiary

BCP – Biocomputing Platforms Ltd. Oy (Finland) – Beneficiary

- Grant Agreement:** The agreement signed between the beneficiaries and the European Commission for the undertaking of the GEN2PHEN project (HEALTH-200754).
- Project:** The sum of all activities carried out in the framework of the Grant Agreement by the Consortium.
- Work plan:** Schedule of tasks, deliverables, efforts, dates and responsibilities corresponding to the work to be carried out for the GEN2PHEN project, as specified in Annex I to the Grant Agreement.
- Consortium:** The GEN2PHEN Consortium, conformed by the above-mentioned legal entities.
- Consortium agreement:** The agreement concluded amongst GEN2PHEN participants for the implementation of the Grant Agreement. Such an agreement shall not affect the parties’ obligations to the Community and/or to one another arising from the Grant Agreement.

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1. INTRODUCTION

WP8 is concerned with the gathering and dissemination of knowledge to the genotype-to-phenotype (G2P) community. This includes internal and external training activities for the project, and the general supply of GEN2PHEN developments to the public. Towards achieving this goal, we launched the initial version of the GEN2PHEN Knowledge Centre (deliverable 8.2) on May 22nd 2009 (<http://www.gen2phen.org>).

The GEN2PHEN Knowledge Centre aims to be a major G2P internet portal and will help enable knowledge management throughout the GEN2PHEN project. The site also endows the GEN2PHEN project with maximal visibility, and thereby promotes good community interactions.

The GEN2PHEN Knowledge Centre will be a ‘virtual centre of excellence’ for G2P field, designed to provide general information on field developments, specific information on the GEN2PHEN project, and full and immediate access to all the project deliverables/outputs that the G2P community might wish to access. This will eventually include search capabilities, both for individual databases and for holistic searching of the G2P database domain. The site also supports community discussions on topics of interest, and carries lists of upcoming G2P meetings.


2. OVERVIEW OF FEATURES

2.1. General Site Design

The design of the site aims to expand the appearance and colour scheme of the GEN2PHEN logo to the entire website. This has been accomplished by using the logo’s colours and shapes throughout the site’s design. The Knowledge Centre logo (Figure 1) extends the GEN2PHEN logo, adding an icon representing a central hub for access and data exchange with multiple resources. The icon scales well, and is used as the ‘bookmark’ icon that appears in the address bar and ‘bookmarks/favourites’ list in many internet browsers. The icon aims to establish a strong visual identity for the website as a distinct entity to the project itself, while still retaining a clear relationship to the project’s own logo. The icon appears throughout the site and across the site’s dissemination materials.



Figure 1: GEN2PHEN Knowledge Centre logo


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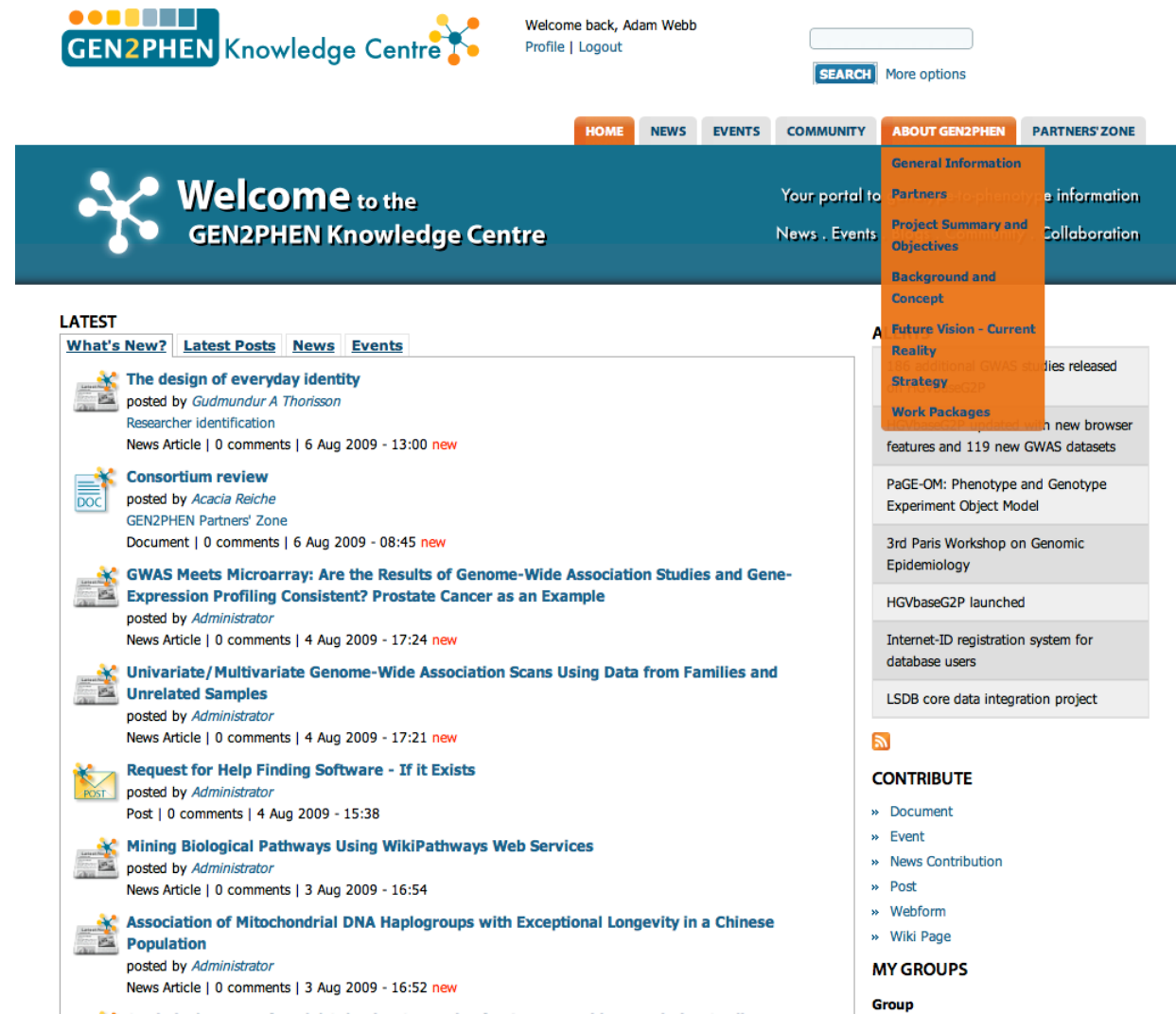
2.2. Home Page

The home page of the site (Figure 2) allows quick and simple access to the site’s core features and most recently posted content. The top of the page provides a login/registration link (with the option of using an OpenID¹). While registration is not necessary to view the majority of content on the Knowledge Centre, it does afford certain benefits. Users must be registered to contribute to the site (this measure reduces unwanted ‘spam’ submissions). In addition, registered users can be alerted to new content, join ‘Interest Groups’ and may be granted access to restricted areas at an administrator’s discretion. Registration itself is unrestricted and available to all members of the public.

Logged-in users see a ‘Profile’ link, allowing them to update details such as email address, password, institution, research interests etc. A search box, which is supported by a categorised list of search terms found in the ‘more options’ link, is available to both unregistered and registered users. A row of tabbed dropdown menus provides access to the various sections of the site. A banner provides a welcome message, which can be made to alternate through numerous images promoting various aspects of the site. A list of ‘alerts’ is given a prominent position to inform visitors of recent GEN2PHEN activities, with links either to pages in the Knowledge Centre or to external resources.

¹ OpenID is a universal internet ID system which can be used across many websites. Rather than requiring a user to authenticate themselves using a username/password combination held at the Knowledge Centre, users can choose to be authenticated by their chosen OpenID provider. For example, a user wishes to sign-in using their Google™ account. They select “Sign in with Google™” on the Knowledge Centre, and are passed to Google’s own login page. Once they have logged in here, they are passed back to the Knowledge Centre and automatically signed in (or registered if they are a new user). With this system, the Knowledge Centre does not handle sensitive username/password data, and the user can choose who should handle their internet ID. Furthermore, they can use their same OpenID across many websites.

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Welcome back, Adam Webb
 Profile | Logout

SEARCH More options

HOME NEWS EVENTS COMMUNITY **ABOUT GEN2PHEN** PARTNERS' ZONE

Welcome to the GEN2PHEN Knowledge Centre

Your portal to
 News, Events
 General Information
 Partners
 Project Summary and Objectives
 Background and Concept
 Future Vision - Current Reality
 Strategy
 Work Packages

LATEST

What's New? Latest Posts News Events

The design of everyday identity
 posted by *Gudmundur A Thorisson*
 Researcher Identification
 News Article | 0 comments | 6 Aug 2009 - 13:00 **new**

Consortium review
 posted by *Acacia Reiche*
 GEN2PHEN Partners' Zone
 Document | 0 comments | 6 Aug 2009 - 08:45 **new**

GWAS Meets Microarray: Are the Results of Genome-Wide Association Studies and Gene-Expression Profiling Consistent? Prostate Cancer as an Example
 posted by *Administrator*
 News Article | 0 comments | 4 Aug 2009 - 17:24 **new**

Univariate/Multivariate Genome-Wide Association Scans Using Data from Families and Unrelated Samples
 posted by *Administrator*
 News Article | 0 comments | 4 Aug 2009 - 17:21 **new**

Request for Help Finding Software - If it Exists
 posted by *Administrator*
 Post | 0 comments | 4 Aug 2009 - 15:38

Mining Biological Pathways Using WikiPathways Web Services
 posted by *Administrator*
 News Article | 0 comments | 3 Aug 2009 - 16:54

Association of Mitochondrial DNA Haplogroups with Exceptional Longevity in a Chinese Population
 posted by *Administrator*
 News Article | 0 comments | 3 Aug 2009 - 16:52 **new**


CONTRIBUTE

- » Document
- » Event
- » News Contribution
- » Post
- » Webform
- » Wiki Page

MY GROUPS

Group

Figure 2: Homepage of the GEN2PHEN Knowledge Centre.

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The home page features a large tabbed area designed to highlight the most recent and unread content of the site. Logged in users are initially presented with a list of new unread content, but may switch to lists of all recent content, the most recent news articles, or a listing of events. This provides returning users with a very quick overview of what has changed since their last visit and rapid access to the most recent content.

Logged in users will also be presented with a list of links by which they may contribute to the site. The links are dependent on their own particular privileges. Users are encouraged to make regular posts, start or edit wiki pages (pages which can be edited by other users), advertise events, write or link to interesting news articles, or post documents. Documents posted in common formats (such as Microsoft Office, PDFs etc) can be displayed on Knowledge Centre pages directly, saving users the need to download files and install specialist software to view documents.


Every page on the site has a ‘Contact Us’ link on the bottom allowing visitors to contact the project. An RSS feed provides automated updates of comments made to uploaded items. Users can subscribe to the RSS feed through clicking on the RSS icon in the right column of the home page.


2.3. News

A central feature of the GEN2PHEN Knowledge Centre is the aggregation of news articles and abstracts pertinent to the G2P community. Abstracts and short summaries are gathered from relevant journals and other online resources. These are selected for relevance by an editor and include links to full articles, wherever they may be hosted. Users may read these abstracts and short summaries and leave comments within the Knowledge Centre. Listings of the latest news articles are available from the homepage, and on the main news page. The main news page (Figure 3) highlights a top story, a short list of other featured articles, and a full listing of news articles added to the site. All news articles can be searched for through the site-wide search facility. Each news article page (Figure 4) features links back to the main news page and a listing of most recent news articles added to the main site.

Users are encouraged to contribute news articles to the site through prominent links on the main news page and on each news article page. Users may submit full stories or provide links to stories. Stories are published to the Knowledge Centre at an editor’s discretion.

The news pages provide a regularly updated service to the G2P community, and provide a regular supply of new content to the Knowledge Centre. Such rapid accumulation of new content is hoped to encourage visitors to return to the site on a regular basis.

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Welcome back, Adam Webb
Profile | Logout

SEARCH More options

HOME **NEWS** EVENTS COMMUNITY ABOUT GEN2PHEN PARTNERS' ZONE



NEWS

The latest news from the genotype-to-phenotype community

TOP STORY

Statistical Power of Model Selection Strategies for Genome-Wide Association Studies

PLoS Genetics
3rd Aug 2009

Almost all published genome-wide association studies are based on single-marker analysis. Intuitively, joint consideration of multiple markers should be more informative when multiple genes and their interactions are involved in disease etiology. For example, an exhaustive search among models involving multiple markers and their interactions can identify certain gene-gene interactions that will be missed by single-marker analysis. However, an exhaustive search is difficult, or even impossible, to perform because of the computational requirements.

0 comments | [More information](#)

HEADLINES

GWAS Meets Microarray: Are the Results of Genome-Wide Association Studies and Gene-Expression Profiling Consistent? Prostate Cancer as an Example





The genetics of quantitative traits: challenges and prospects

DNA Sudoku—harnessing high-throughput sequencing for multiplexed specimen analysis

Personal genomics services: whose genomes?

The phenotype and genotype experiment object model (PaGE-OM): a robust data structure for information related to DNA variation

RECENT NEWS

- 
The design of everyday identity new
Online Information Review | 0 comments
- 
Univariate/Multivariate Genome-Wide Association Scans Using Data from Families and Unrelated Samples new
PLoS ONE | 0 comments
- 
GWAS Meets Microarray: Are the Results of Genome-Wide Association Studies and Gene-Expression Profiling Consistent? Prostate Cancer as an Example new
PLoS ONE | 0 comments
- 
Statistical Power of Model Selection Strategies for Genome-Wide Association Studies
PLoS Genetics | 0 comments


 [Contribute an article](#)

OLDER NEWS

July 2009

- » DNA Sudoku—harnessing high-throughput sequencing for multiplexed specimen analysis
- » Keep libel laws out of science updated
- » How to stop blogging new
- » I, scientist. Will robots at the bench leave scientists free to think? new
- » Linkage and linkage disequilibrium scan for autism loci in an extended pedigree from Finland updated

Figure 3: The main news page of the site. A 'top story' and a number of headlines are highlighted.


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Welcome back, Adam Webb
Profile | Logout

SEARCH More options

- HOME
- NEWS
- EVENTS
- COMMUNITY
- ABOUT GEN2PHEN
- PARTNERS' ZONE



LATEST

- » [The design of everyday identity](#) **new**
Online Information Review
6th Aug 2009
- » [Univariate/Multivariate Genome-Wide Association Scans Using Data from Families and Unrelated Samples](#) **new**
PLoS ONE
4th Aug 2009
- » [GWAS Meets Microarray: Are the Results of Genome-Wide Association Studies and Gene-Expression Profiling Consistent? Prostate Cancer as an Example](#) **new**
PLoS ONE
4th Aug 2009
- » [Statistical Power of Model Selection Strategies for Genome-Wide Association Studies](#)
PLoS Genetics
3rd Aug 2009
- » [Mining Biological Pathways Using WikiPathways Web Services](#)
PLoS ONE
3rd Aug 2009

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Mining Biological Pathways Using WikiPathways Web Services

Posted Mon, 03/08/2009 - 16:53

DOI: info:doi/10.1371/journal.pone.0006447

URL: http://feedproxy.google.com/~r/plosone/PLoSONE/~3/D73MmEz_4TI/info%3Adoi%2F10.13...

WikiPathways is a platform for creating, updating, and sharing biological pathways [1]. Pathways can be edited and downloaded using the wiki-style website. Here we present a SOAP web service that provides programmatic access to WikiPathways that is complementary to the website. We describe the functionality that this web service offers and discuss several use cases in detail. Exposing WikiPathways through a web service opens up new ways of utilizing pathway information and assisting the community curation process.

Average:

☆☆☆☆☆
No votes yet

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COMMENTS

POST NEW COMMENT

Your name:
Adam Webb

Rating:
☆☆☆☆☆

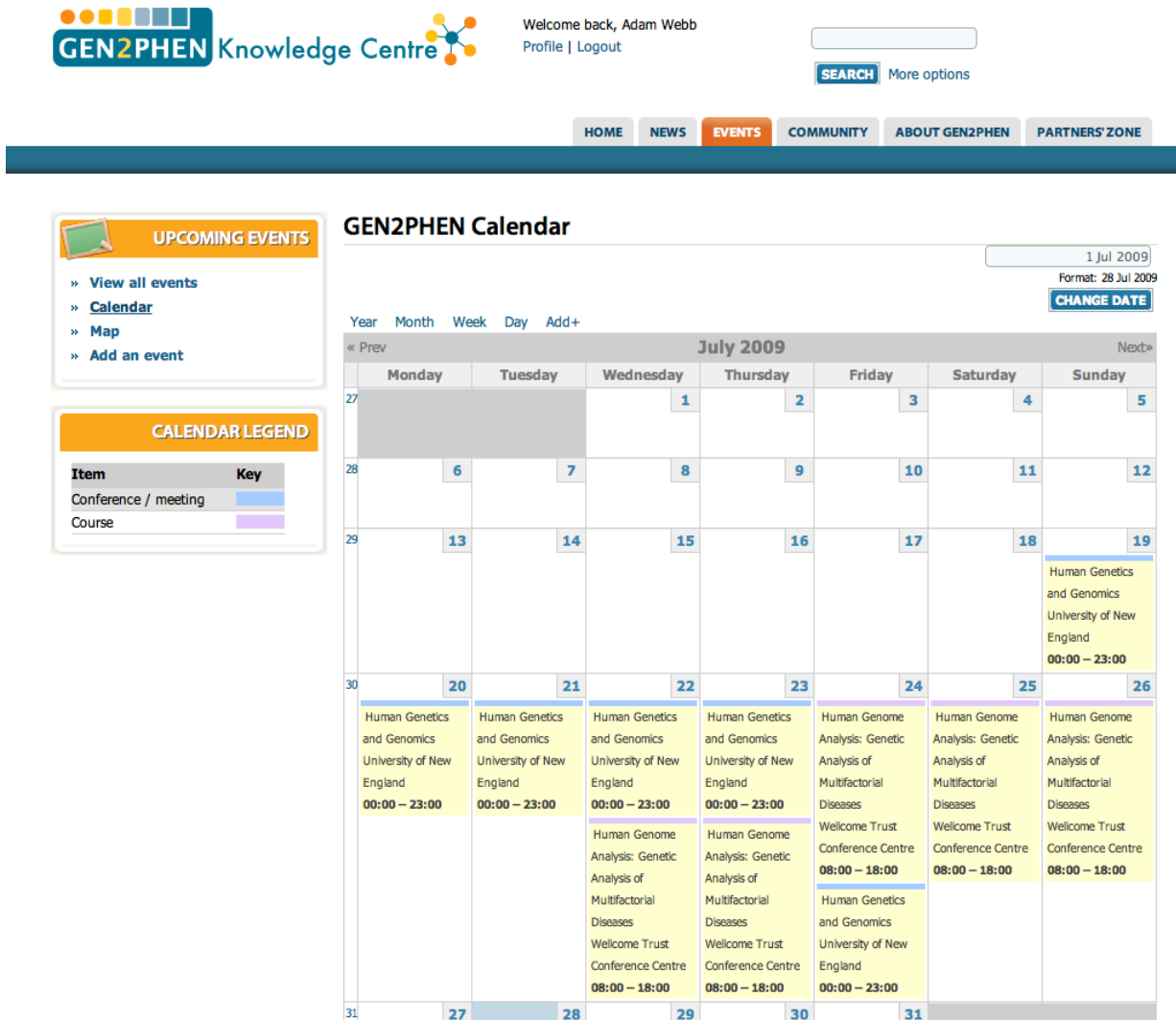
Comment: *

Figure 4: An example of a single news item page. Recent articles are listed in the left-hand panel, along with prominent links encouraging users to contribute news items of their own or provide links to existing stories.

2.4. Events


The GEN2PHEN Knowledge Centre provides listings of conferences, courses and other events that may be of interest to the G2P community. A basic event listing is available on the homepage as well as in the ‘Events’ section. Events may also be viewed on an interactive calendar (Figure 5) or a clickable interactive map. Each event has its own page with a brief description, dates and times, and location (a small map is also displayed, with a link to a larger interactive map).

Users are encouraged to advertise their own events, with prominent links leading to a simple ‘Add Event’ form. Submitted events are added to the site subject to an editor’s approval.



The screenshot shows the GEN2PHEN Knowledge Centre website. At the top, there is a navigation bar with links for HOME, NEWS, EVENTS (highlighted), COMMUNITY, ABOUT GEN2PHEN, and PARTNERS' ZONE. A search bar is also present. Below the navigation bar, the main content area features a 'GEN2PHEN Calendar' for July 2009. The calendar is a grid showing dates from 27th to 31st. Events are listed in colored boxes: blue for conferences/meetings and purple for courses. A legend on the left explains the color coding. A sidebar on the left contains 'UPCOMING EVENTS' and 'CALENDAR LEGEND' sections. The calendar shows several events, including 'Human Genetics and Genomics University of New England' and 'Human Genome Analysis: Genetic Analysis of Multifactorial Diseases'.

Figure 5: An example of the GEN2PHEN Calendar. Clicking on an event brings up a short description, with links to longer descriptions.

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2.5. Community

The ‘Community’ section of the website groups together contribution links, blogs and ‘Interest Groups’.

2.5.1. Blogs

The Knowledge Centre provides facilities for selected users to maintain regular blogs (web logs, or personal online diaries). Such blog entries can be used to stimulate and provoke debate on relevant issues, or simply to highlight interesting developments to the community. As with many areas of the site, users are encouraged to partake in discussions based on these entries by leaving comments fostering further debate and community interaction.

2.5.2. Interest Groups

In a manner similar to regular internet forums, ‘Interest Groups’ provide areas of the site dedicated to certain fields (for an example, see Figure 6). Unlike regular forums however, users may post documents, regular posts, wiki pages (which may be edited by other group members thus easing the production of collaborative documents), news articles or even events into these groups. Each group may also be maintained a dedicated group administrator, who can manage group posts and memberships. Posts within groups may be restricted to the group, or made available to all users of the site. For members of a group, any new posts made within that group will also be listed on the Knowledge Centre’s home page. This alerts members to new posts made in the groups they are members of.

Researcher Identification

- » [Group home](#)
- » [IRBW2009 Workshop](#)
- » [Primer](#)
- » [Wiki](#)

- RESEARCHER IDENTIFICATION**
- » [Create Webform](#)
 - » [Create Document](#)
 - » [Create Event](#)
 - » [Create Post](#)
 - » [Create Wiki Page](#)
 - » [Create News Contribution](#)
 - » [Invite friend](#)
 - » [31 members](#)
 - » [Manager: Gudmundur A Thorisson](#)
 - » [My membership](#)

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Researcher identification

- » Are you weary of inaccurate literature searches for author names, or of being mixed up with authors with the same or similar name? Or simply interested in the author naming issue because it's an unsolved problem?
- » Would you like to access sensitive biomedical data from multiple sources, but feel intimidated by the amount of paperwork involved and wish the process were smoother?
- » Would you like to be credited for your database submissions or curation work?

If the answers to some or all of these questions is yes, we are pleased to invite you to join our community of like-minded people who are interested in applications for a user-centric identification system for researchers. The purpose of this website is to serve as a port of call for researchers wishing to learn more about this topic and stimulate discussions.

Getting started

A good place to start is the [primer](#), a series of short essays which highlight various aspects of the identification problem and related opportunities, as well as suggesting possible solutions based on Internet technologies such as [OpenID](#). The primer is based on the [original whitepaper](#) initially put together by members of the GEN2PHEN project and circulated via E-mail in February-March '09. Further background reading can be found on the [wiki](#) pages.

Discuss


If you [register](#) (or login [directly via OpenID](#)), you can join the discussion at any time by posting comments on most of the pages on this site, and also post to the [discussion forums](#).

Keep abreast of developments

To keep track of new developments as they are published on this website (e.g. outcome from the [IRBW2009 workshop](#) and related matters), there's two options: if you don't mind the occasional E-mail, you can subscribe to the [online newsletter](#). Or you can subscribe to our [new content RSS-feed](#).

	Comments	Posted by	Updated
The design of everyday identity new <i>News Article</i>	0	Gudmundur A Thorisson 6th Aug 2009	Gudmundur A Thorisson 6th Aug 2009
Modern Web Identity: Why Your Web Applications Should Be Offering OpenID, OAuth, And Probably Facebook Connect <i>Blog entry</i>	0	Gudmundur A Thorisson 24th Jul 2009	Gudmundur A Thorisson 24th Jul 2009
Session at Science Foo Camp on personal digital identity for scientists new <i>Blog entry</i>	0	Gudmundur A Thorisson 20th Jul 2009	Gudmundur A Thorisson 20th Jul 2009
Major US retailer Sears adopts OpenID: getting closer to mainstraim new <i>Blog entry</i>	0	Gudmundur A Thorisson 20th Jul 2009	Gudmundur A Thorisson 20th Jul 2009
Presenter slides from Toronto workshop available <i>Blog entry</i>	0	Gudmundur A Thorisson 22nd Jun 2009	Gudmundur A Thorisson 22nd Jun 2009
IRBW2009 workshop presentation Walker <i>Document</i>	0	Gudmundur A Thorisson 8th Jun 2009	Gudmundur A Thorisson 22nd Jun 2009

Figure 6: An Interest Group. Users may join and post to these specialist groups.

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2.6. About GEN2PHEN

The ‘About GEN2PHEN’ section details the GEN2PHEN project across a number of pages, and will become an access point for GEN2PHEN-generated resources. Details on the project are divided into several sections:

- General Information
- Partners
 - List of partners, with links to institution web pages
- Project Summary and Objectives
 - A brief outline of the project’s core aims and objectives
- Background and Concept
- Future Vision - Current Reality
- The GEN2PHEN Strategy
 - Details the core objectives of the project:
 - To analyse the G2P field and thus determine emerging needs and practices
 - To develop key standards for the G2P database field
 - To create generic database components, services and integration infrastructures for the G2P database domain
 - To create search modalities and data presentation solutions for G2P knowledge
 - To facilitate the process of populating G2P databases
 - To build a major G2P internet portal
 - To deploy GEN2PHEN solutions to the community
 - To address system durability and long-term financing
 - To undertake a whole-system utility and validation pilot study

2.7. Partners’ Zone

The Partners’ Zone is a special ‘Interest Group’ restricted to GEN2PHEN partners. Items posted here are only available to partners, but may be made publically available if need be. Items are categorised by work package (WP) and resource type (e.g. meeting minutes, deliverable etc.) and may be easily located via a special menu. The partners’ zone also contains lists of completed and pending deliverables listed by work package (along with a work package description, see Figure 7) and as a complete list (all work packages).

All resources in the Partners’ Zone may therefore be easily located and all are subject to strict access control. Users who are not GEN2PHEN partners do not see links to the Partners’ Zone, nor to any content posted therein (unless it has been made publically available). Such restrictions also apply to any files posted in the Partners’ Zone.

Partners' Zone

- » Work Package
 - » [WP1](#)
 - » [WP2](#)
 - » [WP3](#)
 - » [WP4](#)
 - » [WP5](#)
 - » [WP6](#)
 - » [WP7](#)
 - » [WP8](#)
 - » [WP9](#)
 - » [WP10](#)
- » Meeting document
- » Template
- » Dissemination tools
- » Grant agreement
- » Monthly progress report
- » Annual report
- » Working document
- » Other
- » Contact List
- » Deliverable

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WP1 - Scientific Coordination

WP Resources

[Completed Deliverables](#)
[Pending Deliverables](#)
[All Documents](#)

Title	Work Package	Lead beneficiary	Dissemination level	Due delivery date
D1.1 - Specification of Procedures for Quality Testing of Software	WP1	ULEIC	Public	Sep 2008
D1.2 - Initial Report from Project Assessment Pilot	WP1	ULEIC	Public	Dec 2008
D1.3 - Report on General Ethical Issues in G2P Database Work	WP1	ULEIC	Public	Dec 2008

[View all deliverables for all WPs](#)

Description


This work package covers all the higher-level oversight and scientific control measures needed to make the project a success. It thus impinges on all of WP2-10. Work package activities primarily involve gathering and reacting to new scientific ideas, optimising the use made of the project committees, and supervising work package leaders as they execute their role. It also involves ensuring that all project results are produced using appropriate quality policies. For this latter undertaking, robust quality assessment procedures will be devised by the work package and suitably applied to all technology development work packages, especially WP4, WP5, and WP6. Furthermore, this work package will provide ethical oversight of the whole project, and as part of this it will undertake specific ethical assessment exercises as and when the need arises. WP1 will thus provide the central 'leadership' role upon which all other work packages will depend. To perform these roles, WP1 will be strongly intertwined with WP10, so that scientific leadership and management of the project are mutually reinforced as drivers of the initiative.

A particular priority for WP1 will be that of continually assessing the effectiveness and utility of the items emerging from GEN2PHEN. To this end, WP1 will organise a rolling 'Pilot Project' that will entail trying to use the developing G2P database network for the purpose for which it was created - i.e., to explore G2P relationships in depth and across a range of species and situations. This Pilot will be run towards the start of the project, and then again every year or so, with resulting documented findings being used by the GEN2PHEN Consortium to recursively adapt and improve our project activities. This activity will thus fundamentally assess and potentially redirect efforts in all other work packages.

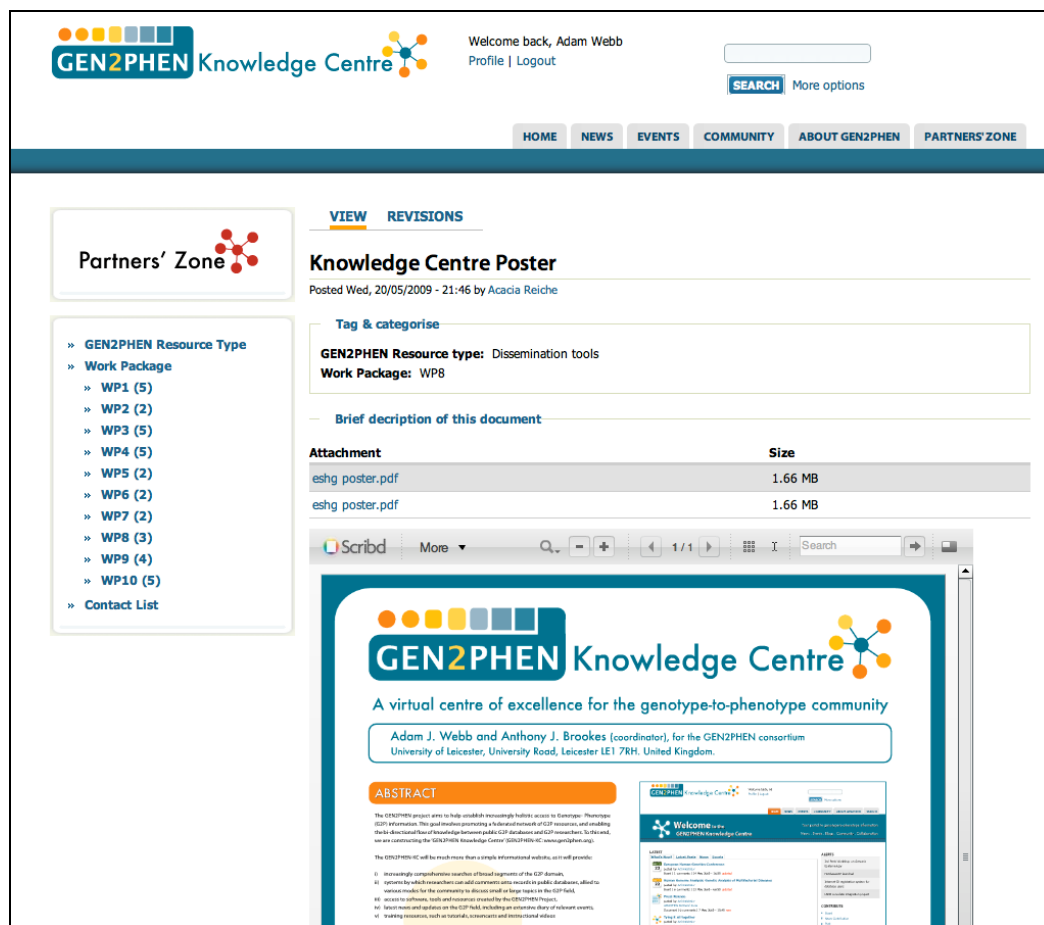
Work Package: WP1

Figure 7: The work package pages allow easy access to project documents organised by work package. Completed deliverables, a list of pending deliverables, any other relevant documents and a brief work package description are available here.

As with all Interest Groups on the site, many different types of content can be posted to the Partners' Zone: documents (with an in-browser viewer for convenience) (Figure 8), regular posts, news articles, wiki pages and events. In the case of events (such as General Assembly Meetings), these will also appear on the site's main event calendar and event listing, but will only be visible to GEN2PHEN partners. GEN2PHEN partners may review successive changes made to a post via the 'Revisions' tab. The interactive features available on the Knowledge Centre facilitate consortium review procedures (e.g. comments can be made on project documents). This centralises resources and reduces the need to send multiple emails and files to partners.

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Any new posts made within the Partners' Zone will be listed on the site's homepage for GEN2PHEN partners only.



The screenshot shows the GEN2PHEN Knowledge Centre website interface. At the top, there is a navigation bar with links for HOME, NEWS, EVENTS, COMMUNITY, ABOUT GEN2PHEN, and PARTNERS' ZONE. The main content area is titled 'Partners' Zone' and features a sidebar with a 'GEN2PHEN Resource Type' menu listing various work packages (WP1-WP10) and a 'Contact List'. The central focus is a document titled 'Knowledge Centre Poster', posted on Wed, 20/05/2009 - 21:46 by Acacia Reichle. The document is categorized under 'Dissemination tools' and 'Work Package: WP8'. Below the title, there is a table of attachments:


Attachment	Size
eshg poster.pdf	1.66 MB
eshg poster.pdf	1.66 MB

The document content is previewed in a browser window, showing the GEN2PHEN logo and a virtual centre of excellence for the genotype-to-phenotype community. The text in the preview includes the name of the coordinator, Adam J. Webb and Anthony J. Brookes, and the location, University of Leicester, University Road, Leicester LE1 7RH, United Kingdom. There is also an 'ABSTRACT' section with a list of bullet points.

Figure 8: Viewing documents in the GEN2PHEN Knowledge Centre. Documents uploaded here can be previewed within the web browser. This particular document was posted into the partners' zone but has been made available to the general public.

2.8. Secured access to content

All posts in are stored in a secure database and can only be accessed via the Knowledge Centre website. Although much of the content is publically available, and is therefore visible to all visitors, some is only accessible to users who have been granted the appropriate permissions. Files uploaded to the Knowledge Centre are stored on a secure server and cannot be accessed without going through the website and are subject to the same access control as other content. Users attempting to access content without appropriate permission are presented with an 'Access Denied' message.

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3. Initial uptake and usage

The Knowledge Centre has seen steady growth in users and visits since its low-profile launch late May 2009. The site currently has 102 registered users, of which approximately one third are GEN2PHEN partners. Despite the recent launch, the site records an average of 210 unique visitors per week.

4. Summary

This first version of the GEN2PHEN Knowledge Centre provides an extensive and fully-featured interactive site for the G2P community. Furthermore, through the partners' zone, the website provides a secure project resource centre with facilities to expose certain components to the public. The considerable groundwork involved in creating this initial version has established a versatile and extensible framework allowing the seamless introduction of additional features envisioned for the Knowledge Centre. These include holistic G2P search facilities, catalogues of G2P resources and the provision of GEN2PHEN generated resources and training tools to the general public.