Foreword

The last H3ABioNet newsletter provided annual reports from the working groups to mark the official end of year 2 of the project. Since then, all the working groups have been actively preparing for year 3 deliverables, including wrapping up courses and proposing new ones, following up on server purchases, bandwidth speed mapping, monitoring helpdesk requests, etc.

H3ABioNet central has also been working hard to complete the H3ABioNet website and include modifications suggested by our Scientific Advisory Board. To acknowledge this work we decided to dedicate this first issue for year 3 to the website. In this newsletter we describe the layout of the website and how to find what you are looking for as both an internal (registered or consortium member) and external (non-consortium member) user. This is achieved by following a set of questions that users may have when they come to the website. We hope this will be a useful tutorial to familiarise you with the site and what it has to offer.

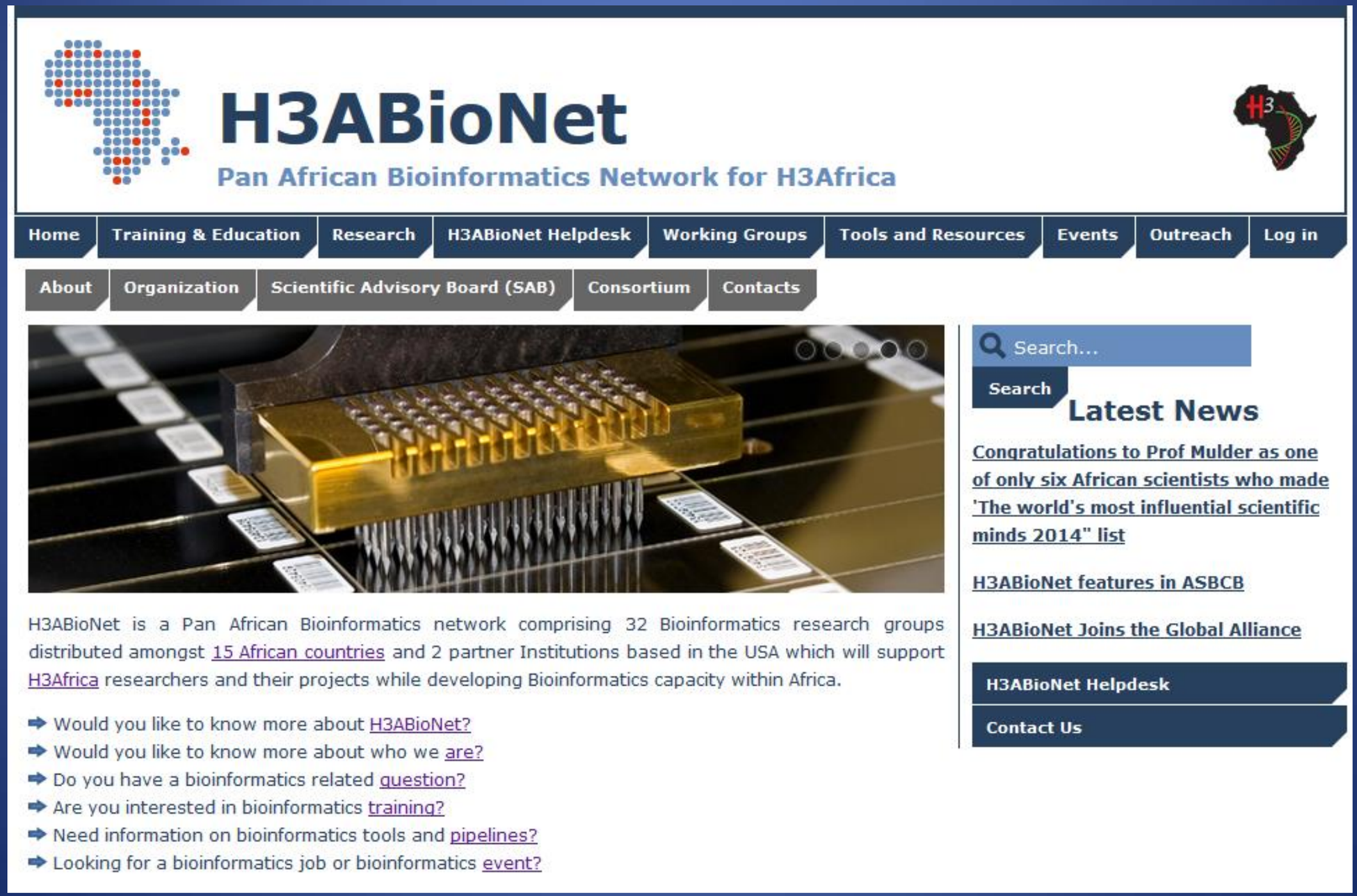
Prof. Nicky Mulder

Website specific Questions Addressed in this Bulletin Issue

1) What is H3ABioNet's website for?
2) How do I find out more about H3ABioNet?
3) How do I find out more about H3ABioNet Nodes and members?
4) How do I update members' profiles for my H3ABioNet Node?
5) How do I obtain contact details of an H3ABioNet PI?
6) Where can I get a description of the H3ABioNet Working Groups?
7) How can I access an H3ABioNet's Working Group's meeting minutes?
8) How can I see what workshops H3ABioNet will be providing?
9) How can I access content from a past H3ABioNet workshop?
10) How can I apply for an H3ABioNet Internship?
11) Does H3ABioNet provide a listing of non H3ABioNet workshops?
12) Where can I find a listing of current H3ABioNet research projects?
13) Can I propose a workshop to H3ABioNet?
14) Can I propose a collaborative research project?
15) I have a question, how do I access the H3ABioNet helpdesk?
16) Does H3ABioNet list any upcoming conferences?
17) How can I tell what H3ABioNet or H3Africa meetings are scheduled?
18) Where do I access the H3ABioNet Node accreditation SOPs?
19) Where can I access H3ABioNet documents such as workshop reports, templates or policies developed?
20) How can I access previous H3ABioNet annual meeting, MC, SAB meeting documents?
21) Where can I access H3ABioNet documents pertaining to Finance?
22) How can I tell what documentation from my Node is outstanding?
23) Where can I obtain an overview of all H3ABioNet mailing lists?
24) Where can I obtain previous H3ABioNet Newsletters, marketing materials, posters?

What is H3ABioNet's website for?

H3ABioNet's website is accessible at www.h3abionet.org and serves as a central portal for accessing working group meeting minutes, policy documents developed, node profiles, workshop announcements, links to bioinformatics resources, and other information



What is H3ABioNet's website for?

H3ABioNet's website is comprised of two sections, a publically available section accessible to all and an internal section for registered members to access documentation and completed policy documents. To access the internal sections of the website, click on the "Log in" tab (http://www.h3abionet.org/log-in)

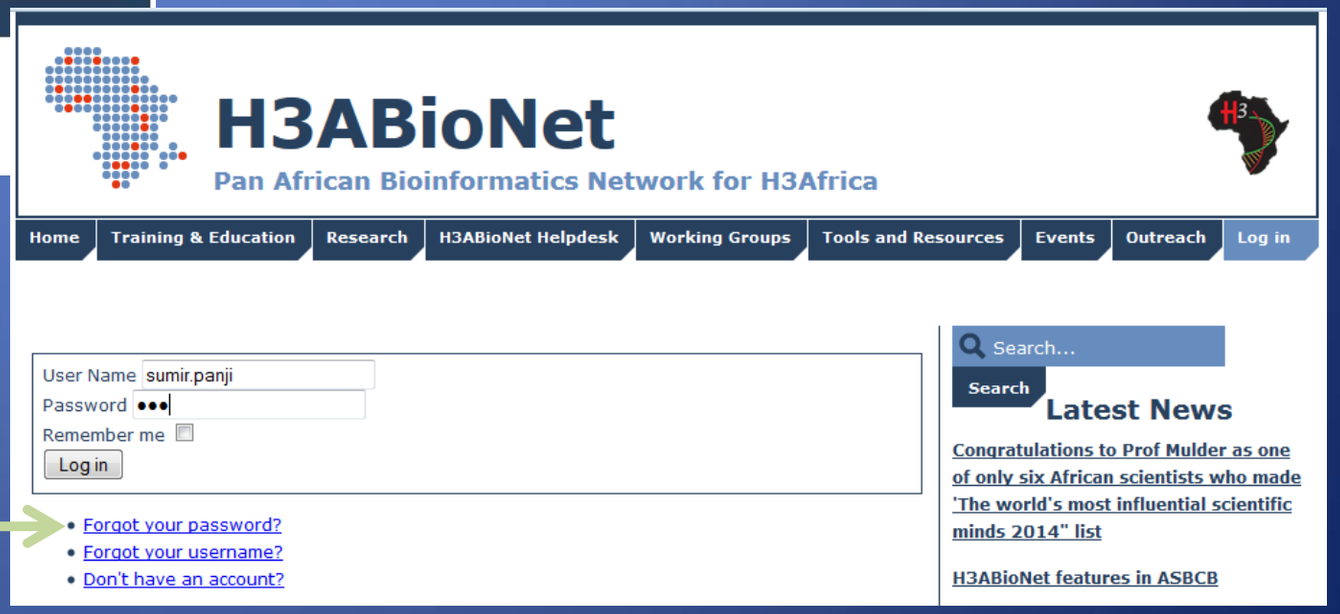
No Username?

If you do not have a user name or password, click on "Don't have an account?" and please provide details on:

1) **The H3ABioNet Node that you are part of**
2) **Your involvement with H3ABioNet**

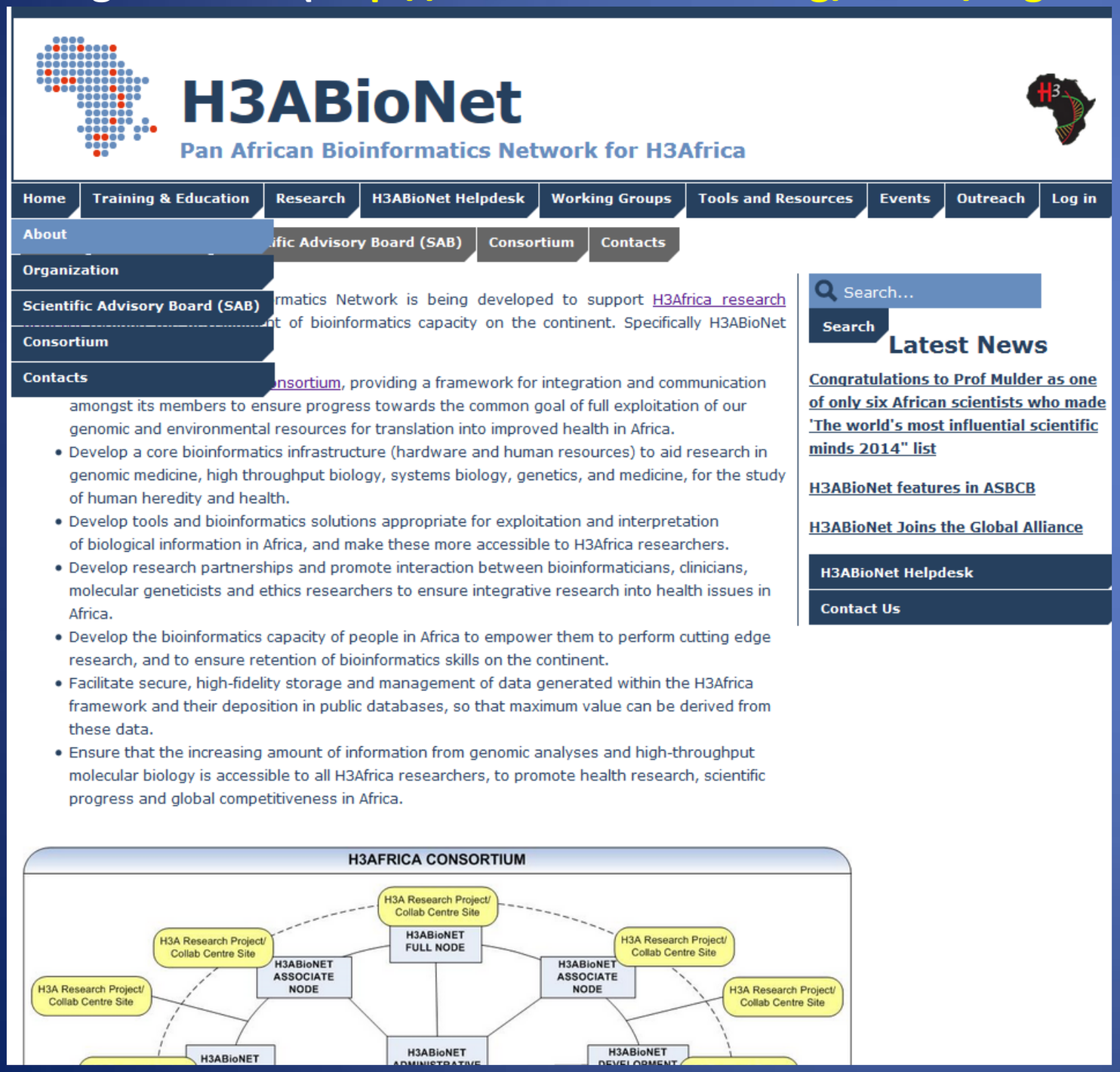
Forgot your Username or Password?

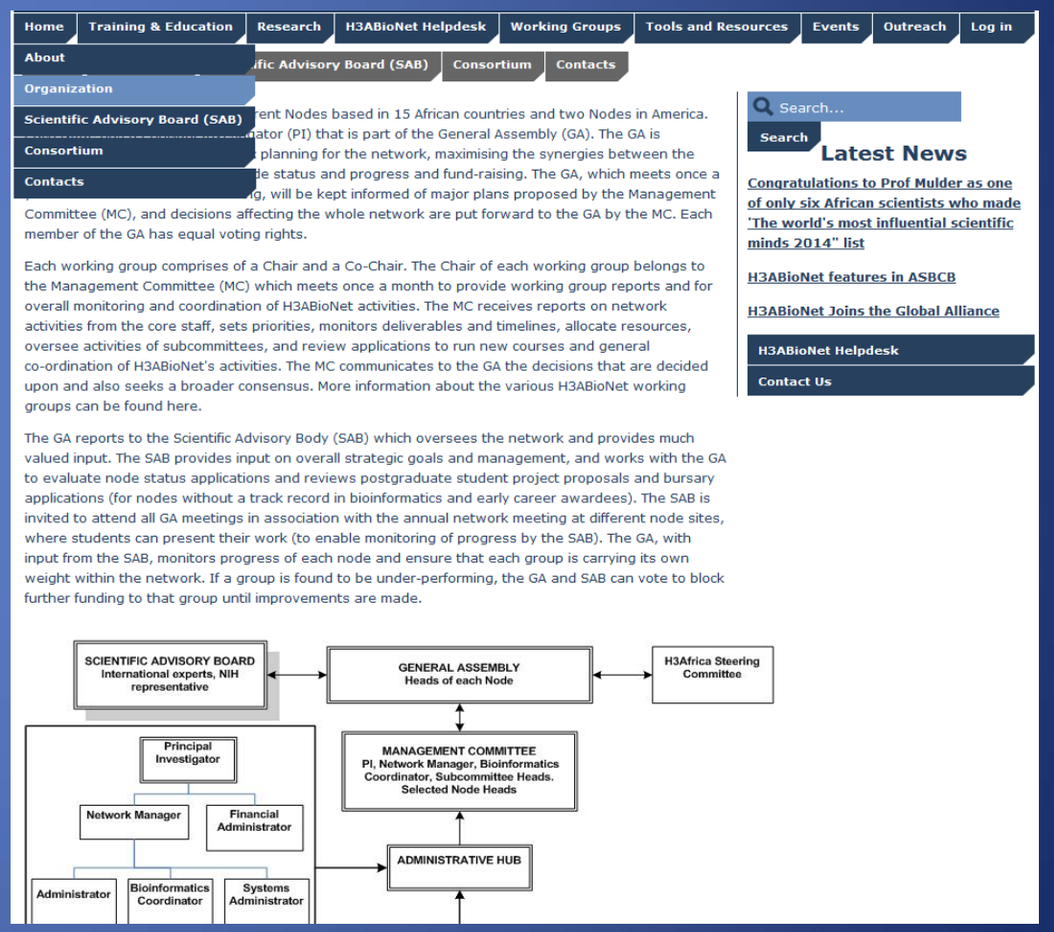
If you do not remember your username or password, click on "Forgot your username?" or "Forgot your password?" from the log in page



How do I find out more about H3ABioNet?

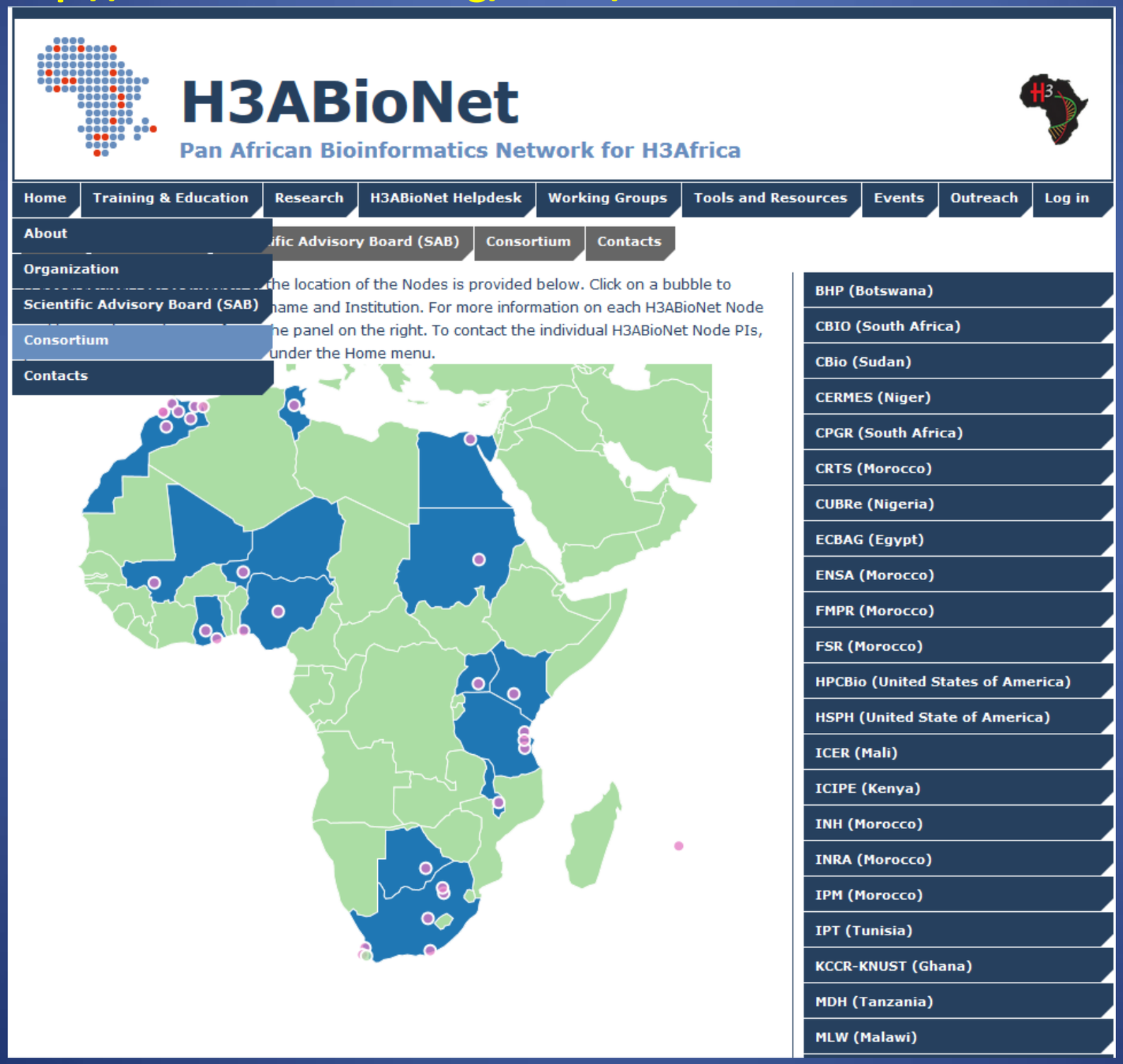
To find out more about how H3ABioNet is constituted, or its organizational structure, hover above the "Home" tab and click on About (http://www.h3abionet.org/home/about), or Organization (http://www.h3abionet.org/home/organizational-structure)





How do I find out more about H3ABioNet Nodes and members?

To find out more about the various H3ABioNet Nodes click on the "Consortium" tab below the "Home" tab: http://www.h3abionet.org/home/consortium



How do I find out more about H3ABioNet Nodes and members?

To find out more about a specific H3ABioNet Node and its members, click on the Node you are interested in from the menu list provided on the right hand side:

To access a Node member's profile, click on their name to expand their profile

How do I update members' profiles for my H3ABioNet Node?

The central curators of the H3ABioNet website would like each Node to be responsible for the updating of their own members profile's and any changes that they would like to make. Each H3ABioNet Node should:

1) Nominate an individual from their Node who will take on this responsibility
2) Provide that individual's name to the H3ABioNet helpdesk selecting the "Website category"
3) H3ABioNet will then provide administrative rights to that nominated individual for their Node's webpage and instructions on how to edit their Node's webpages

How do I update a profile picture for my H3ABioNet Node?

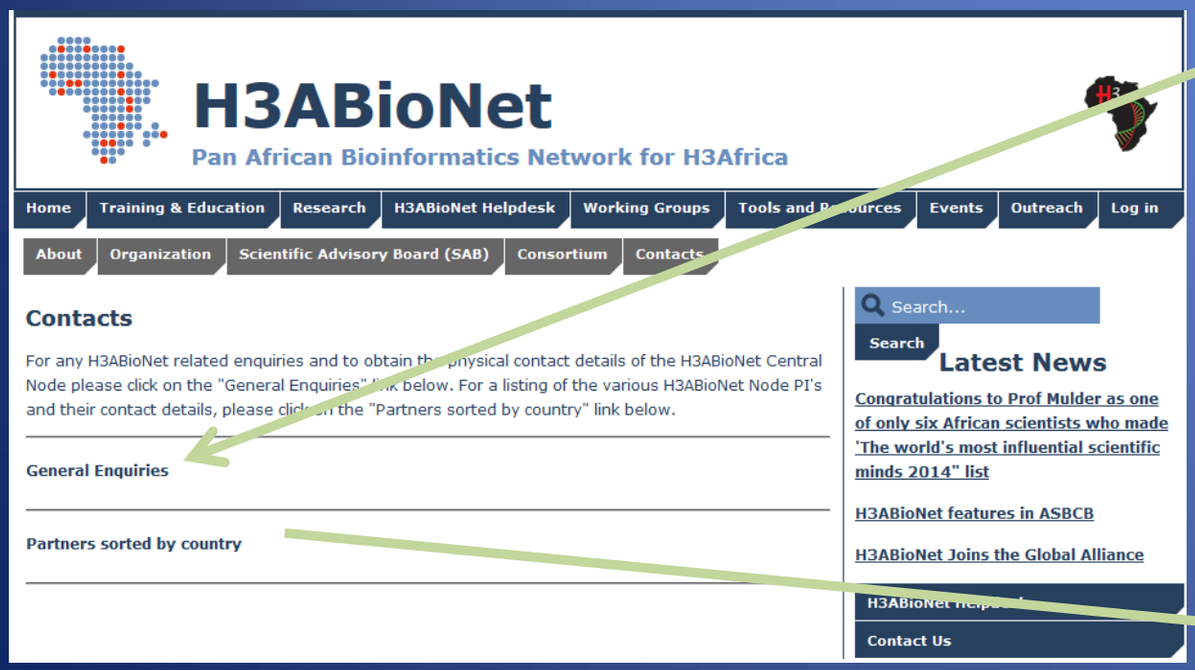
To update profile pictures of members, please submit a helpdesk request ticket and attach the profile picture you would like us to use for the H3ABioNet website.

Please note that we recommend high resolution pictures ideally of the dimensions width = 90 pixels and height = 120 pixels

How do I obtain contact details of an H3ABioNet PI?

1. To obtain the contact details of a specific H3ABioNet PI, click on the "Contacts" tab under the Home tab (http://www.h3abionet.org/home/contacts)

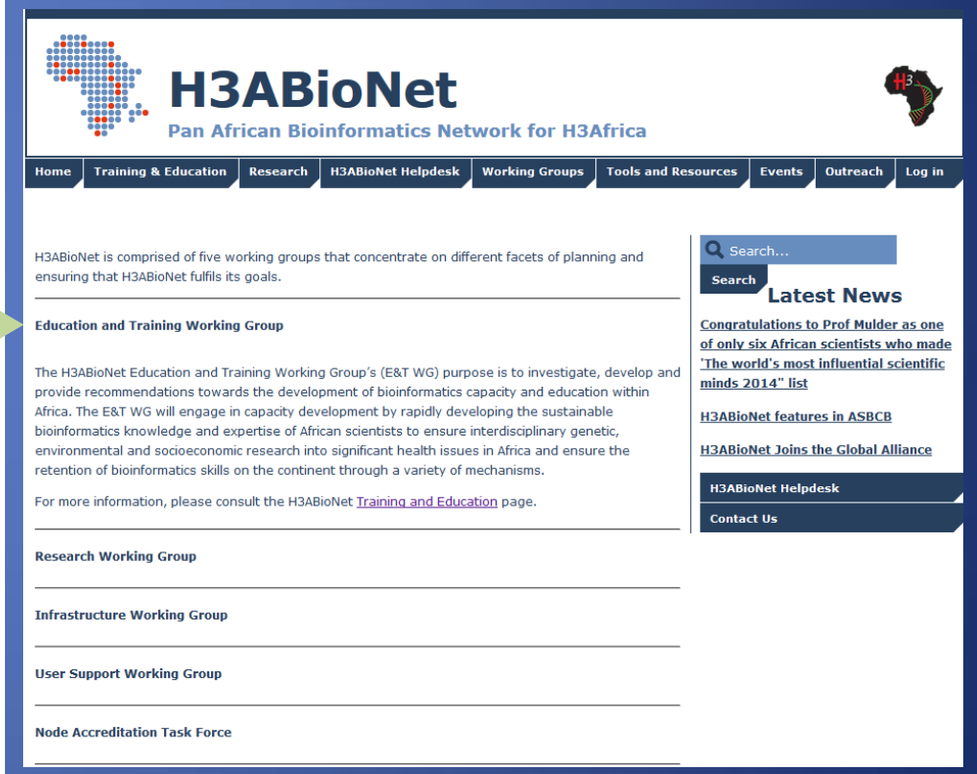
2. Click on the "Partners sorted by country" to obtain a PI's email address (or "General Enquiries" to obtain the postal / courier address for the Central Node and to email any general questions)



Where can I get a description of the H3ABioNet Working Groups?

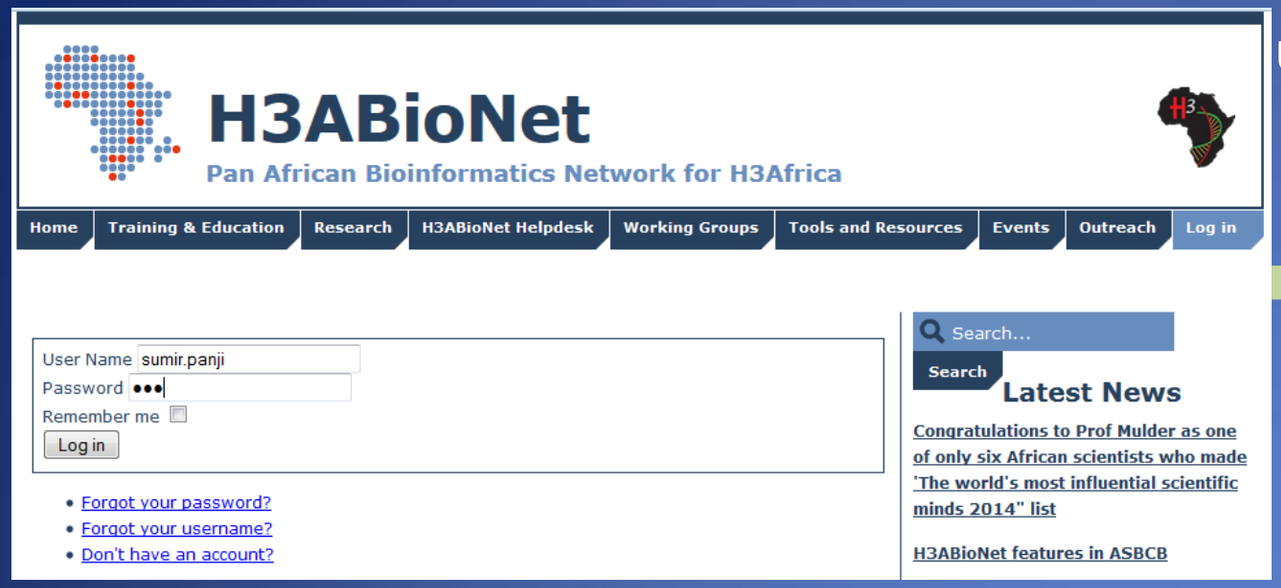
An overview of the various H3ABioNet working groups and various taskforces is publically accessible available at: http://www.h3abionet.org/working-groups

Click on the H3ABioNet Working Group or Task Force whose description you are interested in finding out more about it

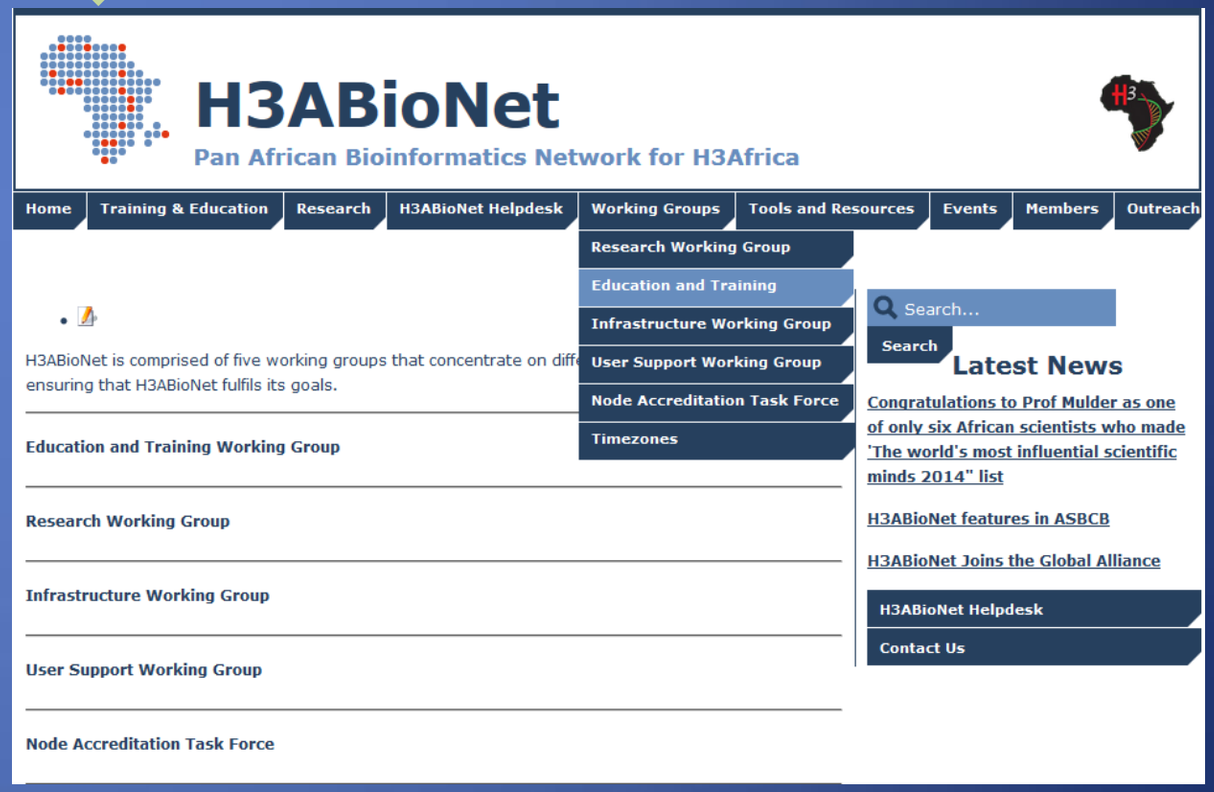


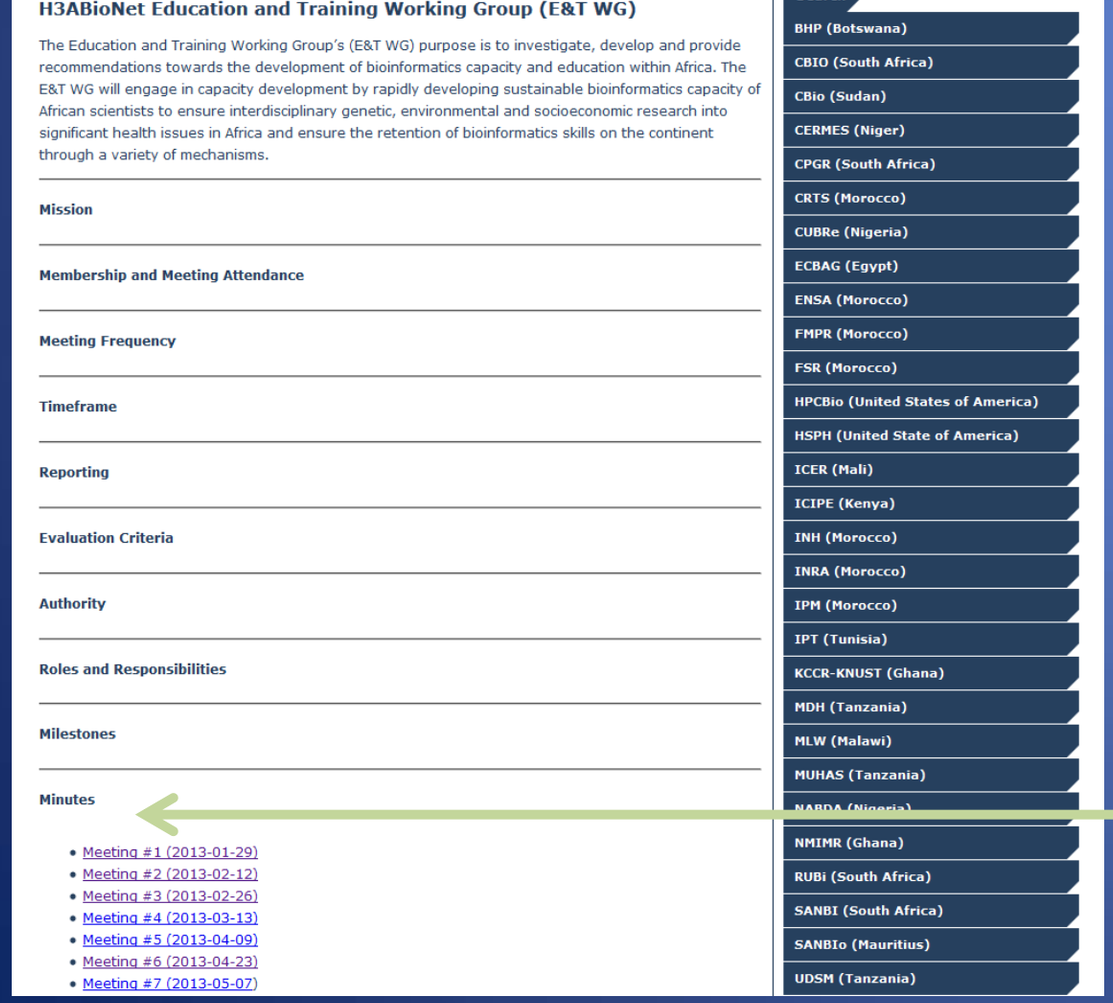
How can I access an H3ABioNet's Working Group's meeting minutes?

1. Log into the H3ABioNet website using your credentials



2. Select the working group that you are interested in from the "Working Groups" tab menu (note this menu is only viewable once logged into the website):



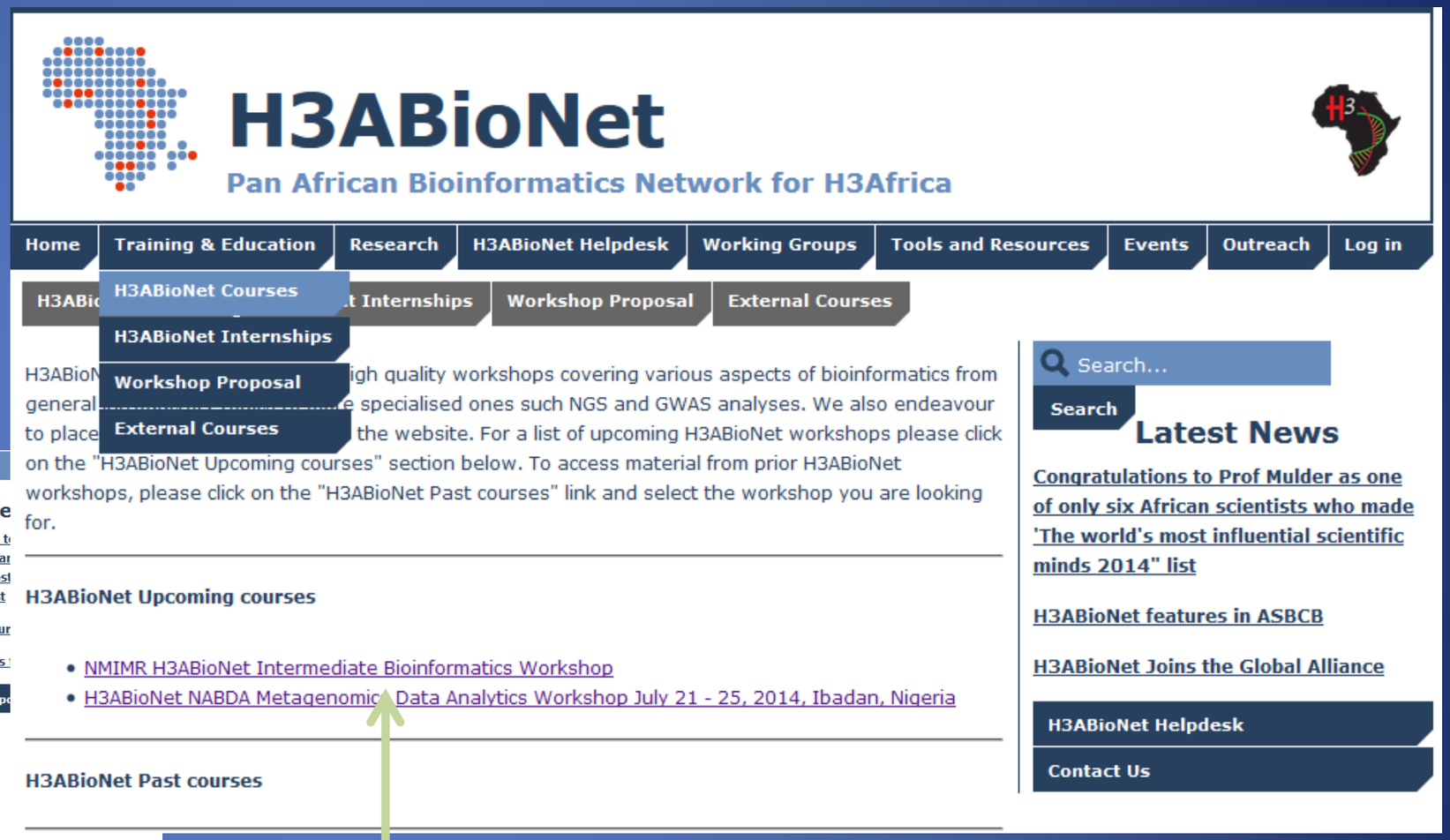


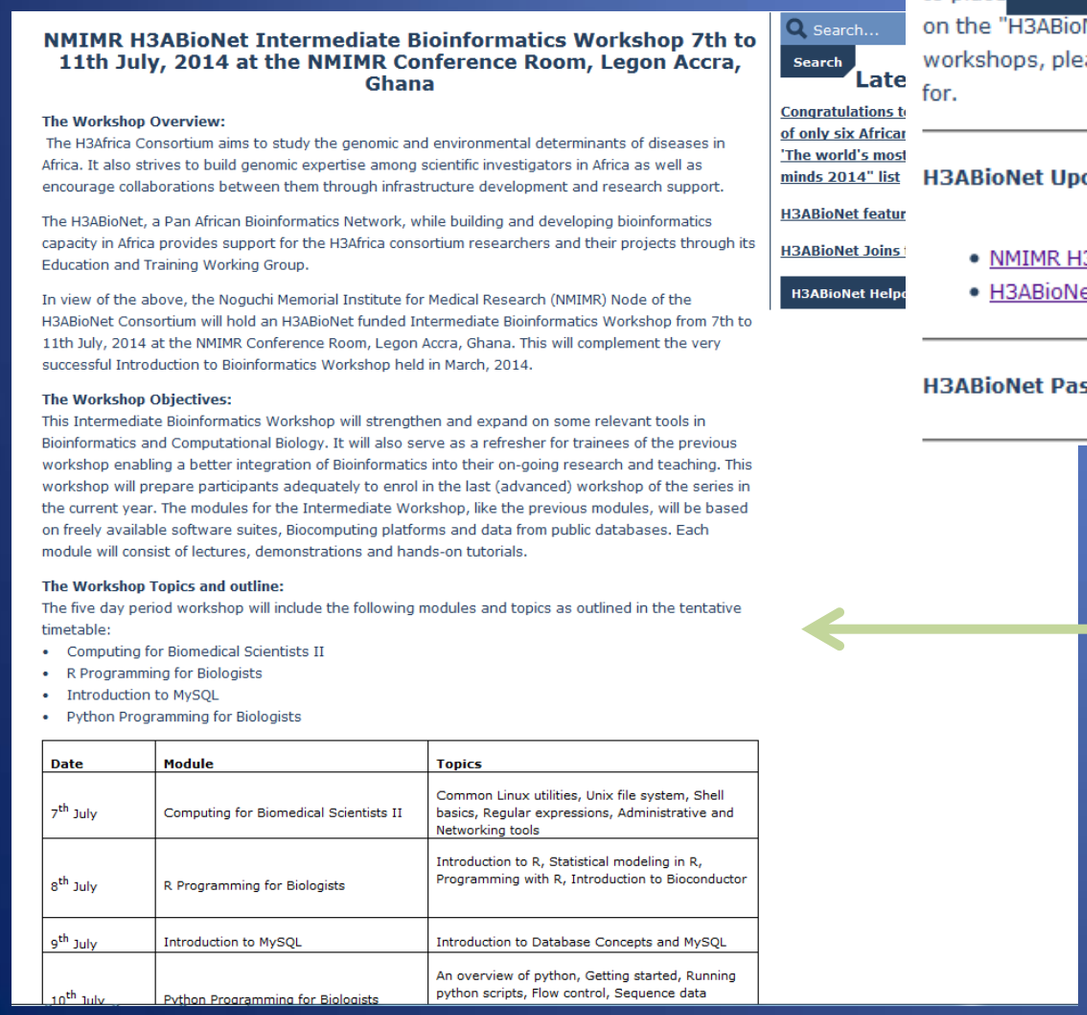
3. You will automatically be directed to the H3ABioNet Working Group page where you can click on any part of the text such as "Minutes" to obtain the Working Group's meeting minutes

How can I see what workshops H3ABioNet will be providing?

1. Mouse over the “Training and Education” tab and select “H3ABioNet Courses” (http://www.h3abionet.org/training-and-education/h3abionet-courses)

2. Click on the “H3ABioNet Upcoming courses” text and an expandable menu of hyperlinks should open





NMIMR H3ABioNet Intermediate Bioinformatics Workshop 7th to 11th July, 2014 at the NMIMR Conference Room, Legon Accra, Ghana

The Workshop Overview:

The H3Africa Consortium aims to study the genomic and environmental determinants of diseases in Africa. It also strives to build genomic expertise among scientific investigators in Africa as well as encourage collaborations between them through infrastructure development and research support.

The H3ABioNet, a Pan African Bioinformatics Network, while building and developing bioinformatics capacity in Africa provides support for the H3Africa consortium researchers and their projects through its Education and Training Working Group.

In view of the above, the Noguchi Memorial Institute for Medical Research (NMIMR) Node of the H3ABioNet Consortium will hold an H3ABioNet funded Intermediate Bioinformatics Workshop from 7th to 11th July, 2014 at the NMIMR Conference Room, Legon Accra, Ghana. This will complement the very successful Introduction to Bioinformatics Workshop held in March, 2014.

The Workshop Objectives:

This Intermediate Bioinformatics Workshop will strengthen and expand on some relevant tools in Bioinformatics and Computational Biology. It will also serve as a refresher for trainees of the previous workshop enabling a better integration of Bioinformatics into their on-going research and teaching. This workshop will prepare participants adequately to enrol in the last (advanced) workshop of the series in the current year. The modules for the Intermediate Workshop, like the previous modules, will be based on freely available software suites, Biocomputing platforms and data from public databases. Each module will consist of lectures, demonstrations and hands-on tutorials.

The Workshop Topics and outline:

The five day period workshop will include the following modules and topics as outlined in the tentative timetable:

- Computing for Biomedical Scientists II
- R Programming for Biologists
- Introduction to MySQL
- Python Programming for Biologists

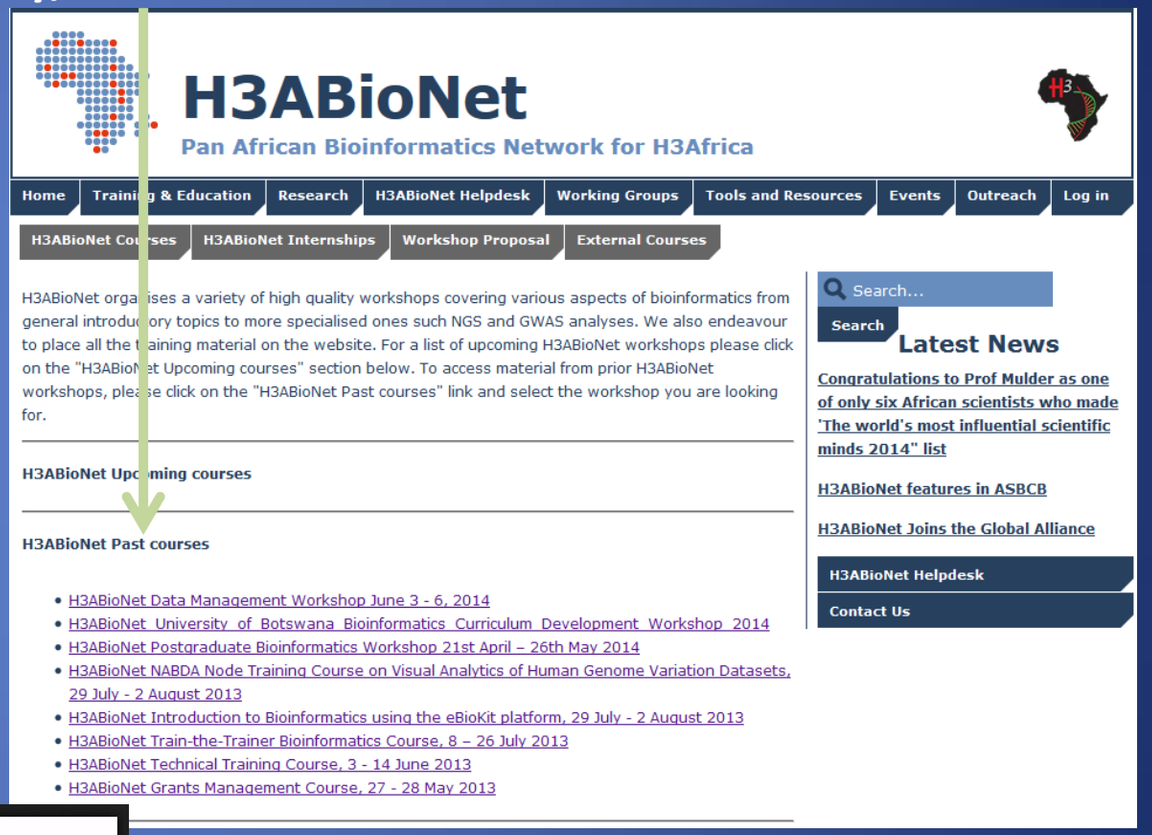
Date	Module	Topics
7th July	Computing for Biomedical Scientists II	Common Linux utilities, Unix file system, Shell basics, Regular expressions, Administrative and Networking tools
8th July	R Programming for Biologists	Introduction to R, Statistical modeling in R, Programming with R, Introduction to Bioconductor
9th July	Introduction to MySQL	Introduction to Database Concepts and MySQL
10th July	Python Programming for Biologists	An overview of python, Getting started, Running python scripts, Flow control, Sequence data

3. Select the workshop you are interested in and click on the hyperlink to access the workshop description page, workshop outline, workshop requirements, application dates and a link to the workshop application page

How can I access content from a past H3ABioNet workshop?

Where possible, H3ABioNet will endeavour to make any training material and recordings from its workshop available via the H3ABioNet website.

1. To access any potential workshop material, go to the H3ABioNet courses webpage (http://www.h3abionet.org/training-and-education/h3abionet-courses), click on "H3ABioNet Past Courses" and choose the workshop you are interested in:



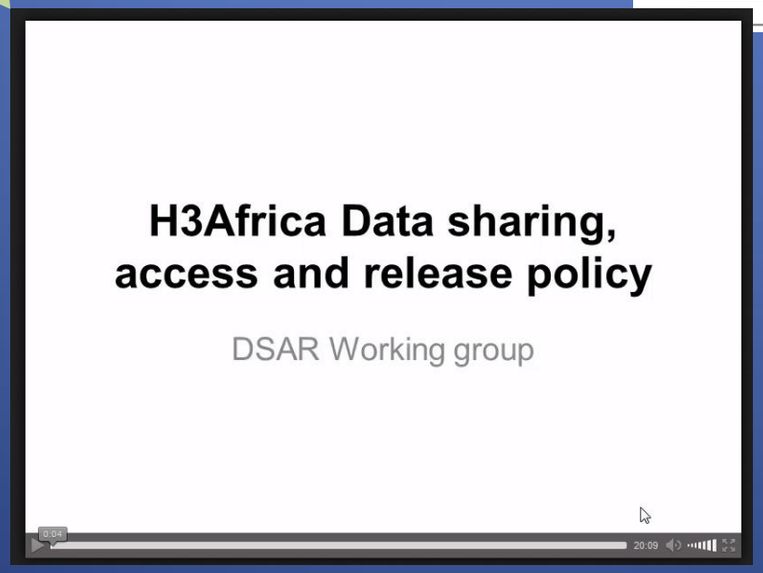
The recorded presentations and materials from the H3ABioNet Data Management workshop are available below.

To access the recorded presentations, click on the link for the description of the topic.

To access the presentation slides, click on the link for the Speaker's name.

Presentation	Topic	Description (Recorded Lecture)	Speaker (Slides)
1	H3Africa data access policy	Detail the H3Africa data sharing and access policy, and H3ABioNet's role	Nicola Mulder[1]
2	Data consent	Ethics/privacy/consent issues for the data	Jantina de Vries[1]
3	LIMS systems	Freezerworks	Slindile Mbhele[2]
4	LIMS systems	BIKA LIMS systems	Lesnoene Smit[2]
5	LIMS systems	Open source LIMS systems	Alan Christoffels[3]
6	LIMS systems	Live demonstration of The ARK system	Freedom Mukomana[5]
7	Patient databases	OpenMRS	Pascal Brandt[4]
8	Patient databases	REDCap	Irma Maré[5]
9	EBI Variation Resources	Overview of EBI Variation Archives	Ilkka Lappalainen[6]
10	EGA and SRA	EGA overview,process of submission (NGS and GWAS), data required, metadata, formats etc.	Ilkka Lappalainen[6]

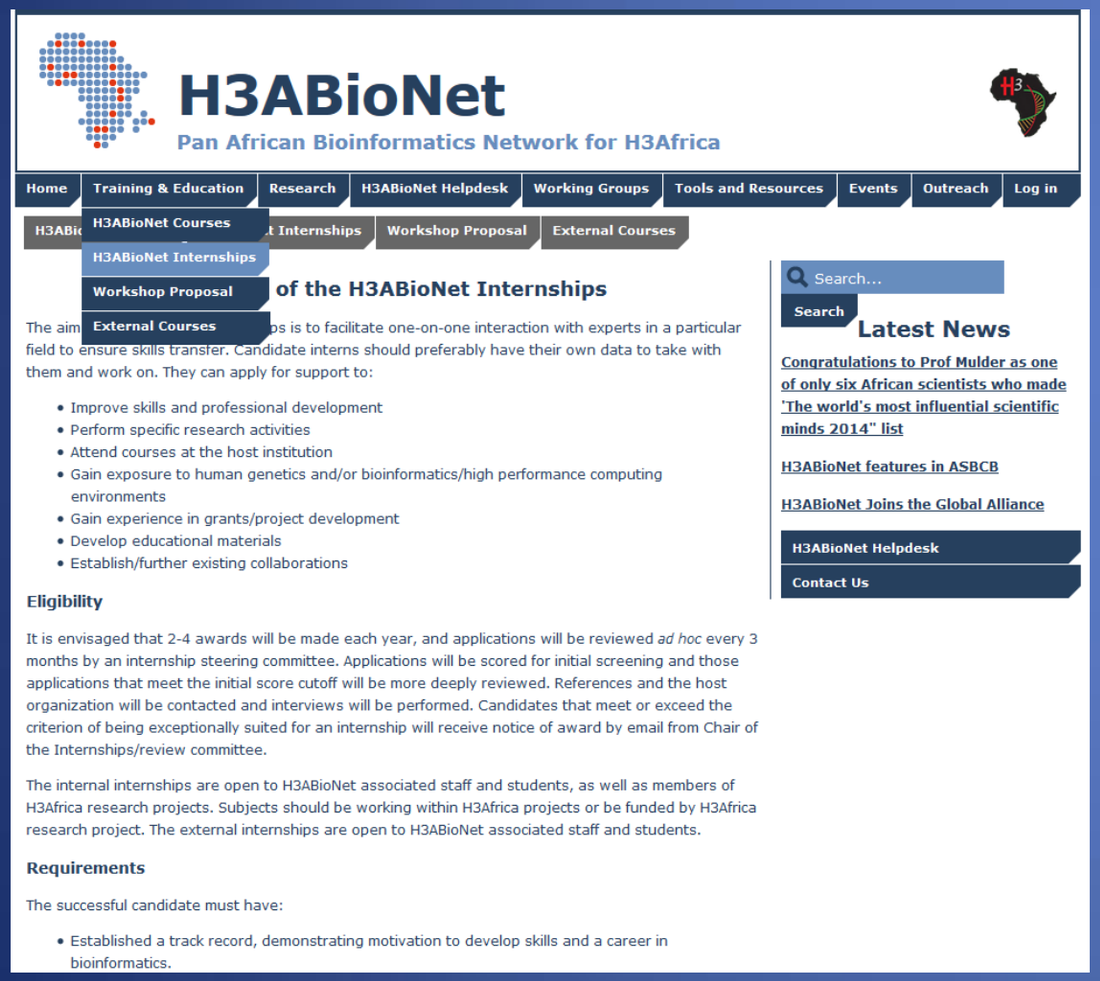
2. This will take you to the workshop page where the recorded lectures and slides are for the workshop are available – click on the talk (or slides) you are interested in



How can I apply for an H3ABioNet Internship?

H3ABioNet provides a range of internship opportunities aimed at building bioinformatics capacity inline with the H3Africa research projects.

1. To access the H3ABioNet internship page click on the "H3ABioNet Internships" tab under "Training and Education" tab: (http://www.h3abionet.org/training-and-education/h3abionet-internships) to determine eligibility and the application requirements



H3ABioNet

Pan African Bioinformatics Network for H3Africa

Home | Training & Education | Research | H3ABioNet Helpdesk | Working Groups | Tools and Resources | Events | Outreach | Log in

H3ABioNet Courses
H3ABioNet Internships
Workshop Proposal
External Courses

of the H3ABioNet Internships

The aim ... ps is to facilitate one-on-one interaction with experts in a particular field to ensure skills transfer. Candidate interns should preferably have their own data to take with them and work on. They can apply for support to:

- Improve skills and professional development
- Perform specific research activities
- Attend courses at the host institution
- Gain exposure to human genetics and/or bioinformatics/high performance computing environments
- Gain experience in grants/project development
- Develop educational materials
- Establish/further existing collaborations

Eligibility

It is envisaged that 2-4 awards will be made each year, and applications will be reviewed *ad hoc* every 3 months by an internship steering committee. Applications will be scored for initial screening and those applications that meet the initial score cutoff will be more deeply reviewed. References and the host organization will be contacted and interviews will be performed. Candidates that meet or exceed the criterion of being exceptionally suited for an internship will receive notice of award by email from Chair of the Internships/review committee.

The internal internships are open to H3ABioNet associated staff and students, as well as members of H3Africa research projects. Subjects should be working within H3Africa projects or be funded by H3Africa research project. The external internships are open to H3ABioNet associated staff and students.

Requirements

The successful candidate must have:

- Established a track record, demonstrating motivation to develop skills and a career in bioinformatics.

Search... Search

Latest News

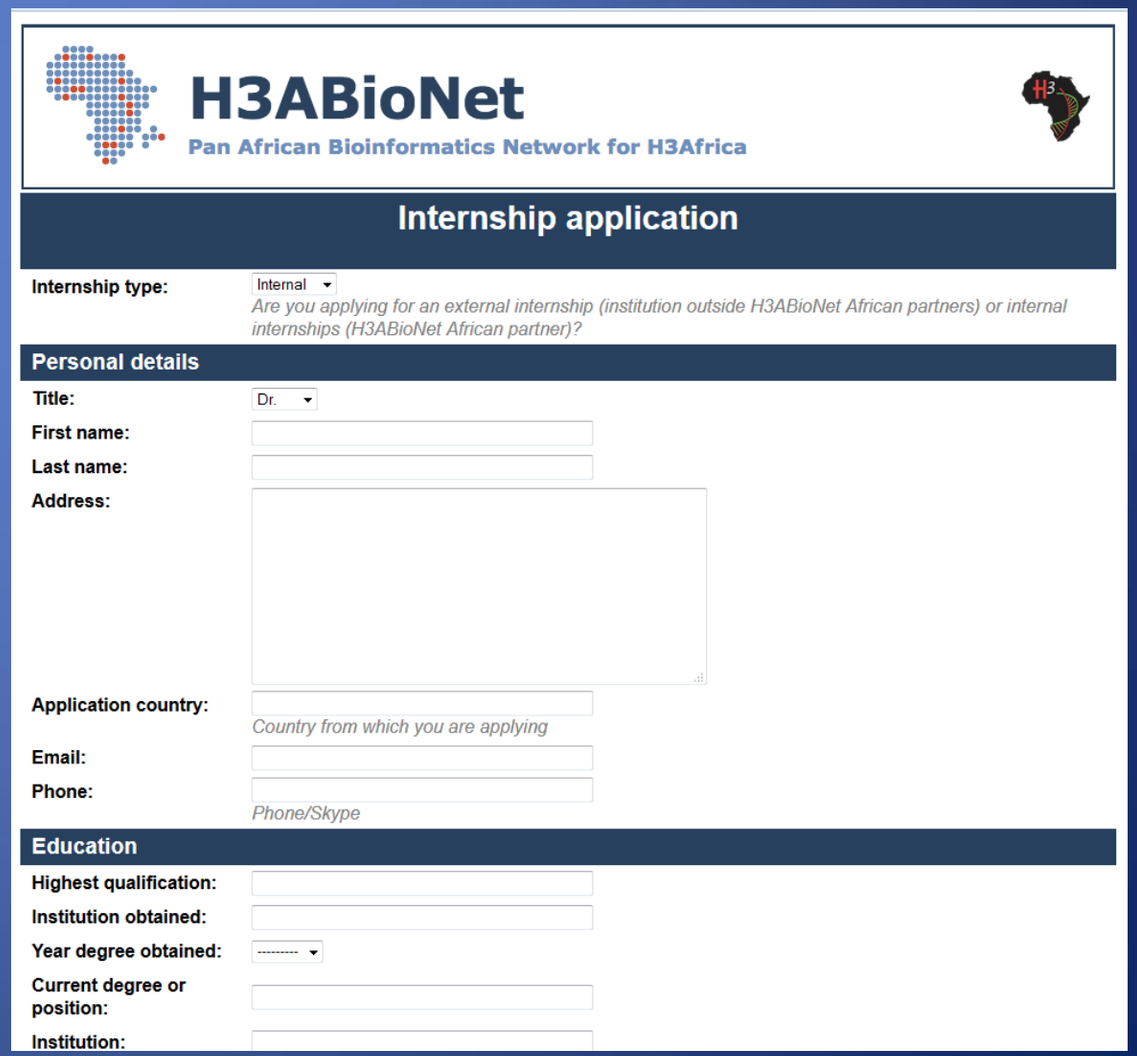
Congratulations to Prof Mulder as one of only six African scientists who made 'The world's most influential scientific minds 2014" list

H3ABioNet features in ASBCB

H3ABioNet Joins the Global Alliance

H3ABioNet Helpdesk

Contact Us



H3ABioNet

Pan African Bioinformatics Network for H3Africa

Internship application

Internship type: Internal

Are you applying for an external internship (institution outside H3ABioNet African partners) or internal internships (H3ABioNet African partner)?

Personal details

Title: Dr.

First name:

Last name:

Address:

Application country:

Country from which you are applying

Email:

Phone:

Phone/Skype

Education

Highest qualification:

Institution obtained:

Year degree obtained: ---------

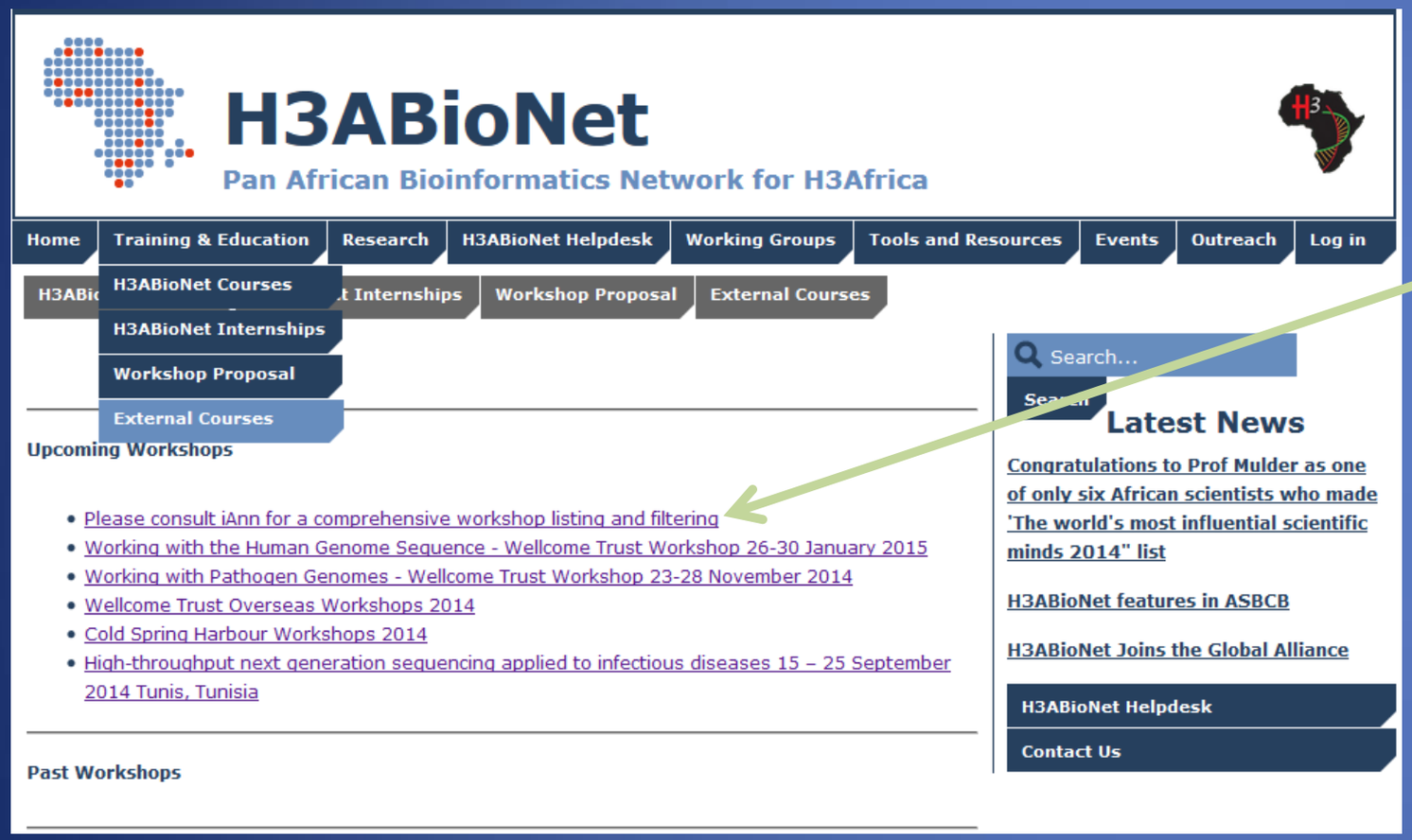
Current degree or position:

Institution:

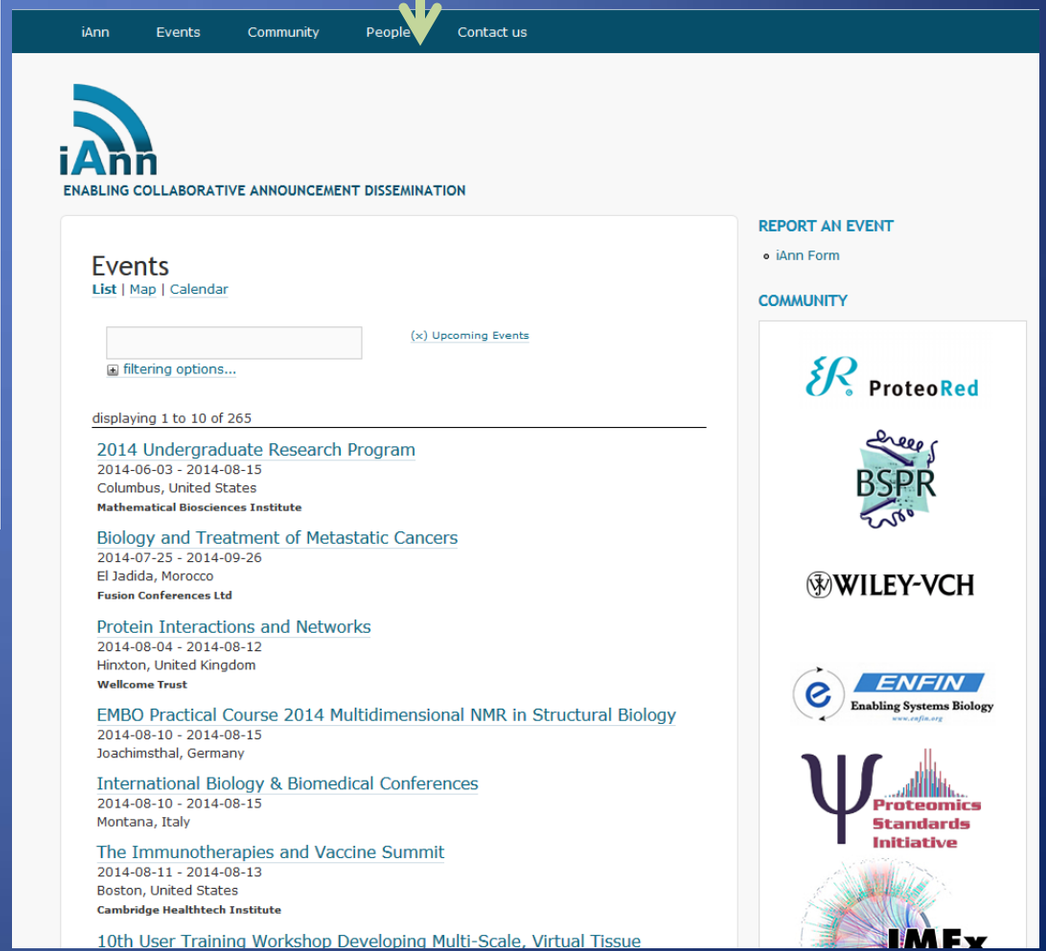
2. Once you are familiar with the requirements and have all the necessary documentation in place, click on the "apply here" link on the H3ABioNet Internship webpage to access the application form

Does H3ABioNet provide a listing of non H3ABioNet workshops?

Yes, H3ABioNet does provide a listing of external bioinformatics related workshops provided by external partners. A listing can be found under the “Training and Education” tab by clicking on “External Courses”: http://www.h3abionet.org/training-and-education/external-courses and select “Upcoming Workshops”

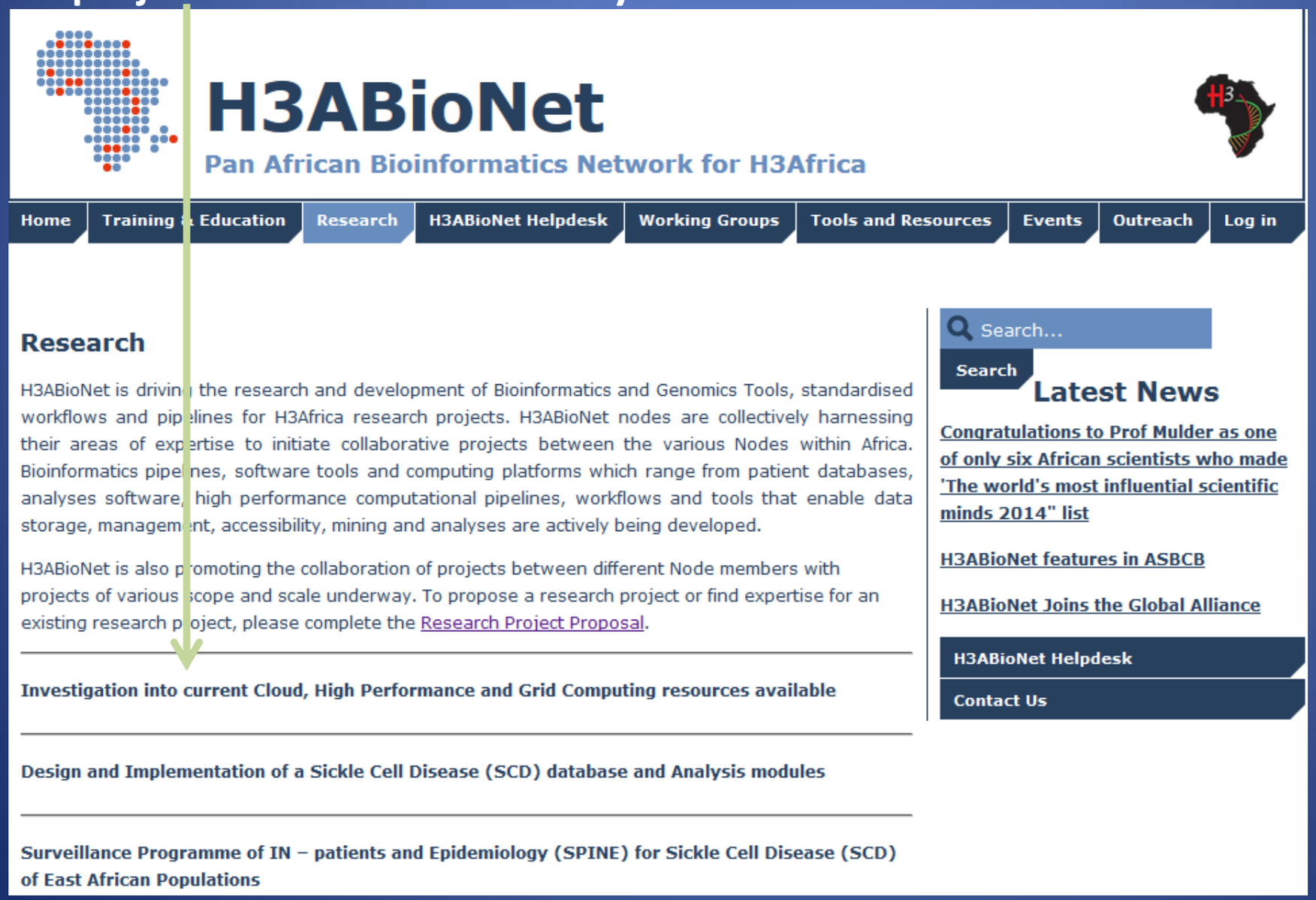


To obtain a more comprehensive listing of upcoming workshops in different regions and topics, please click on the iAnn hyperlink (http://iann.pro/iannviewer)



Where can I find a listing of current H3ABioNet research projects?

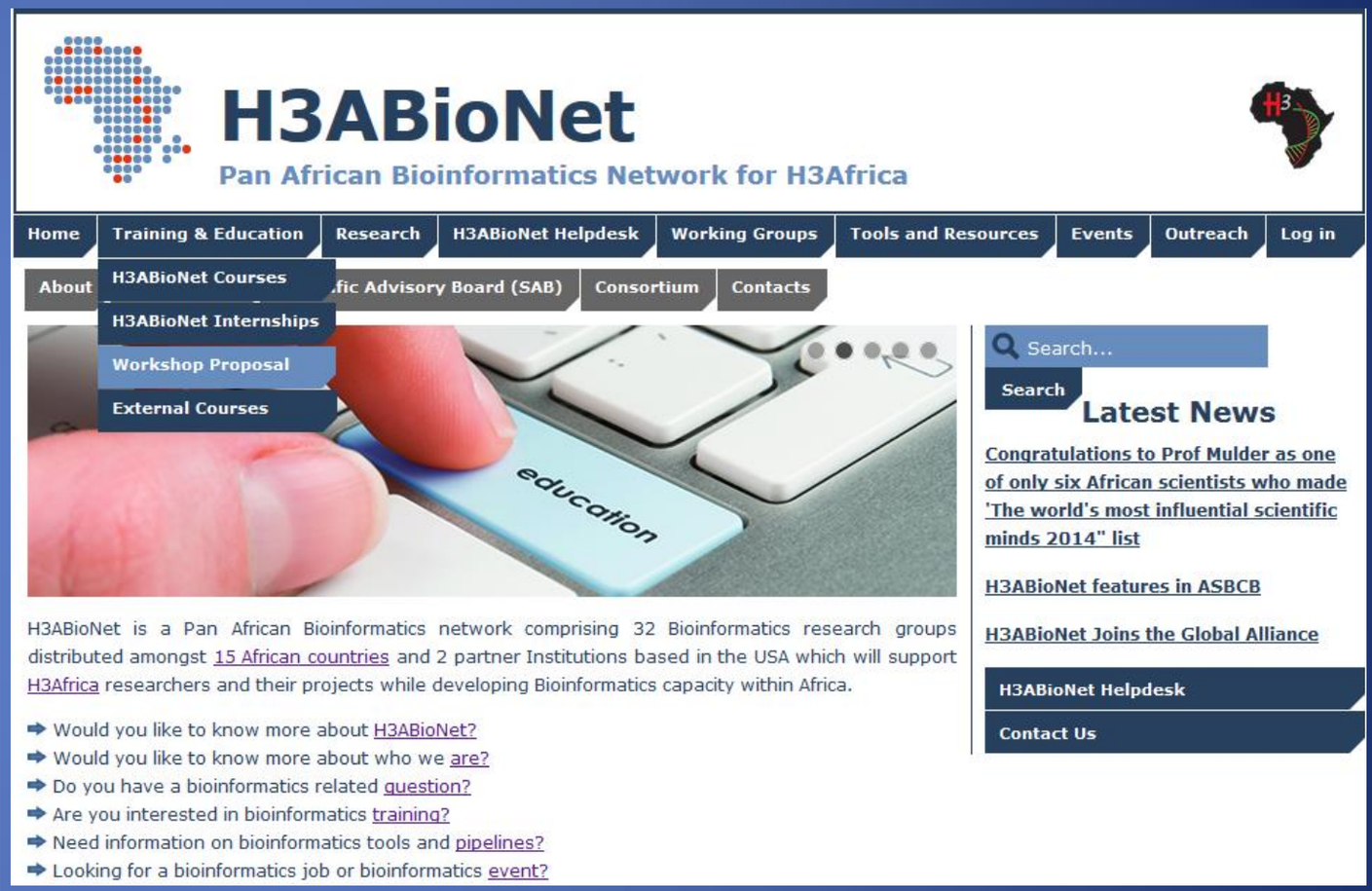
H3ABioNet has a strong focus on research. Some research projects contribute to specific H3ABioNet project deliverables with participation from partner Nodes and others have arisen through encouragement of collaborative projects between the different H3ABioNet Nodes that facilitate the cross training of personnel. To obtain a listing of current H3ABioNet research projects click on the "Research" tab (http://www.h3abionet.org/research-tools) and click on any of the projects to obtain a summary

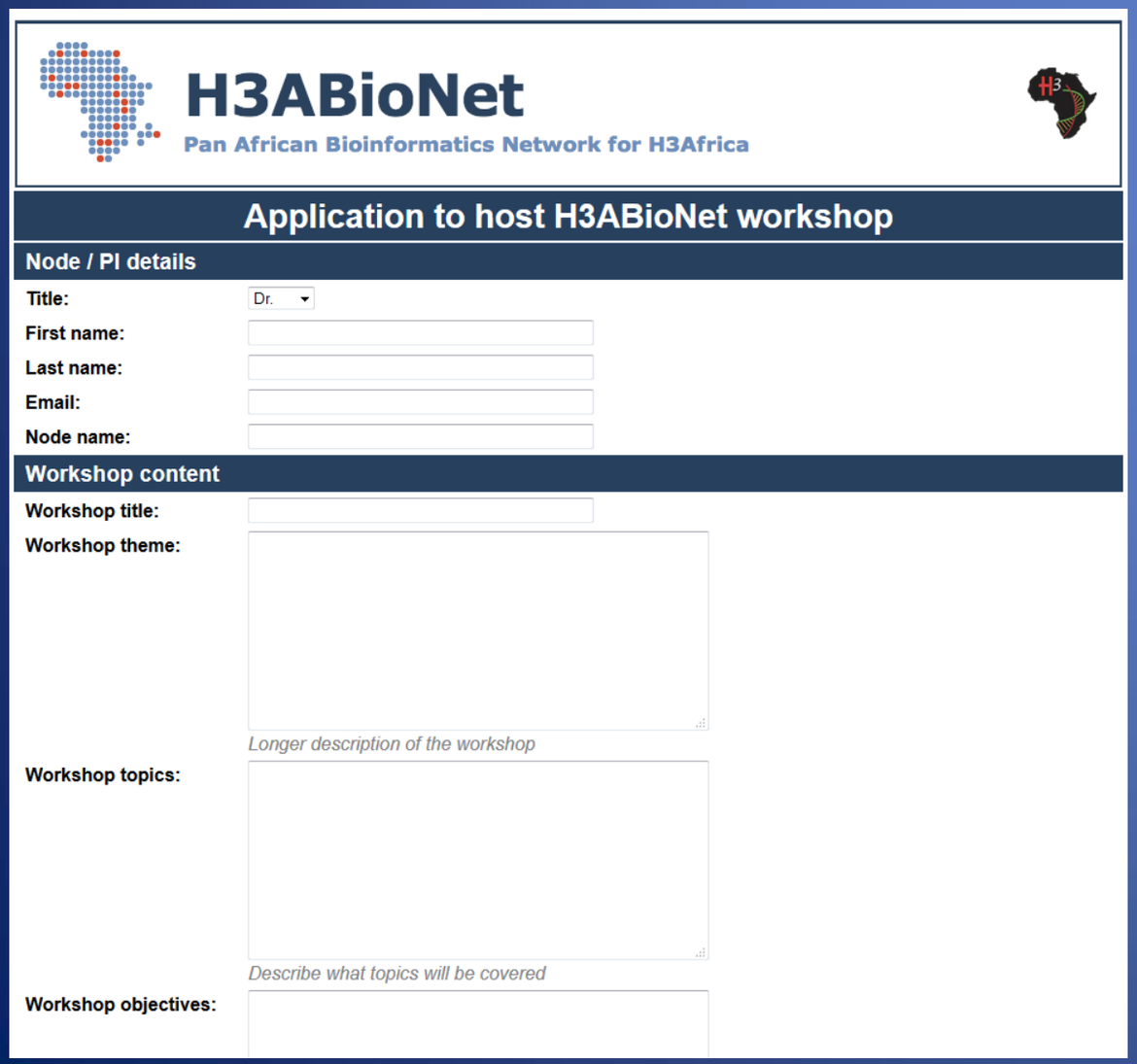


Can I propose a workshop to H3ABioNet?

Yes! H3ABioNet welcomes proposals for workshops and is happy to work with potential workshop holders to assist in locating trainers and other expertise which will be of relevance to H3Africa and increasing bioinformatics capacity.

1. Under the "Training and Education" tab select "Workshop Proposal" (http://www.h3abionet.org/training-and-education/workshop-proposal)



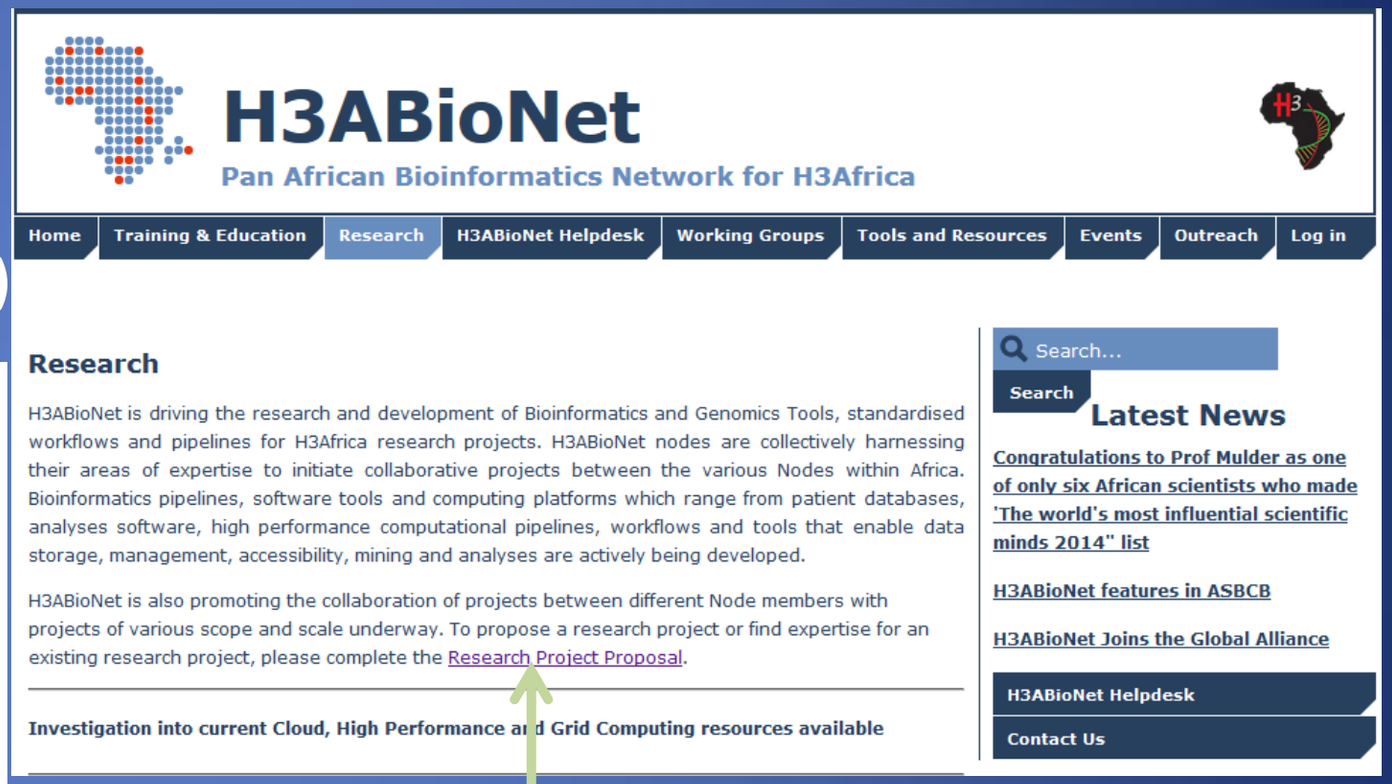


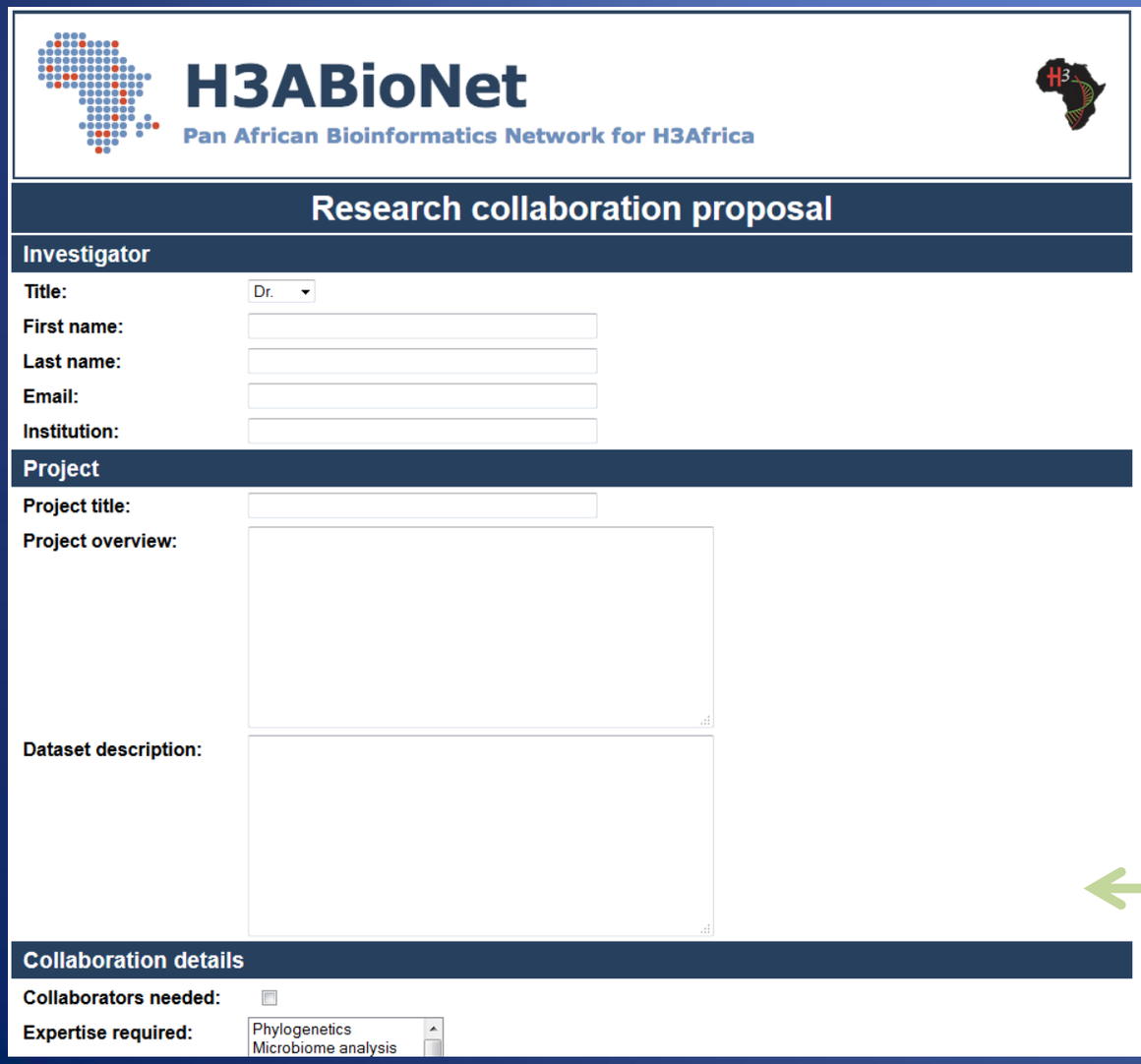
2. Click on the link to propose a workshop, complete the web form and submit.

Can I propose a collaborative research project?

Yes, H3ABioNet encourages research proposals from the various Node that are aimed at strengthening research ties and foster collaborations between the H3ABioNet Nodes and will also look to match expertise within the network with available projects if applicable

1. Under the "Research" tab, an online project proposal form is available (http://www.h3abionet.org/research-tools)

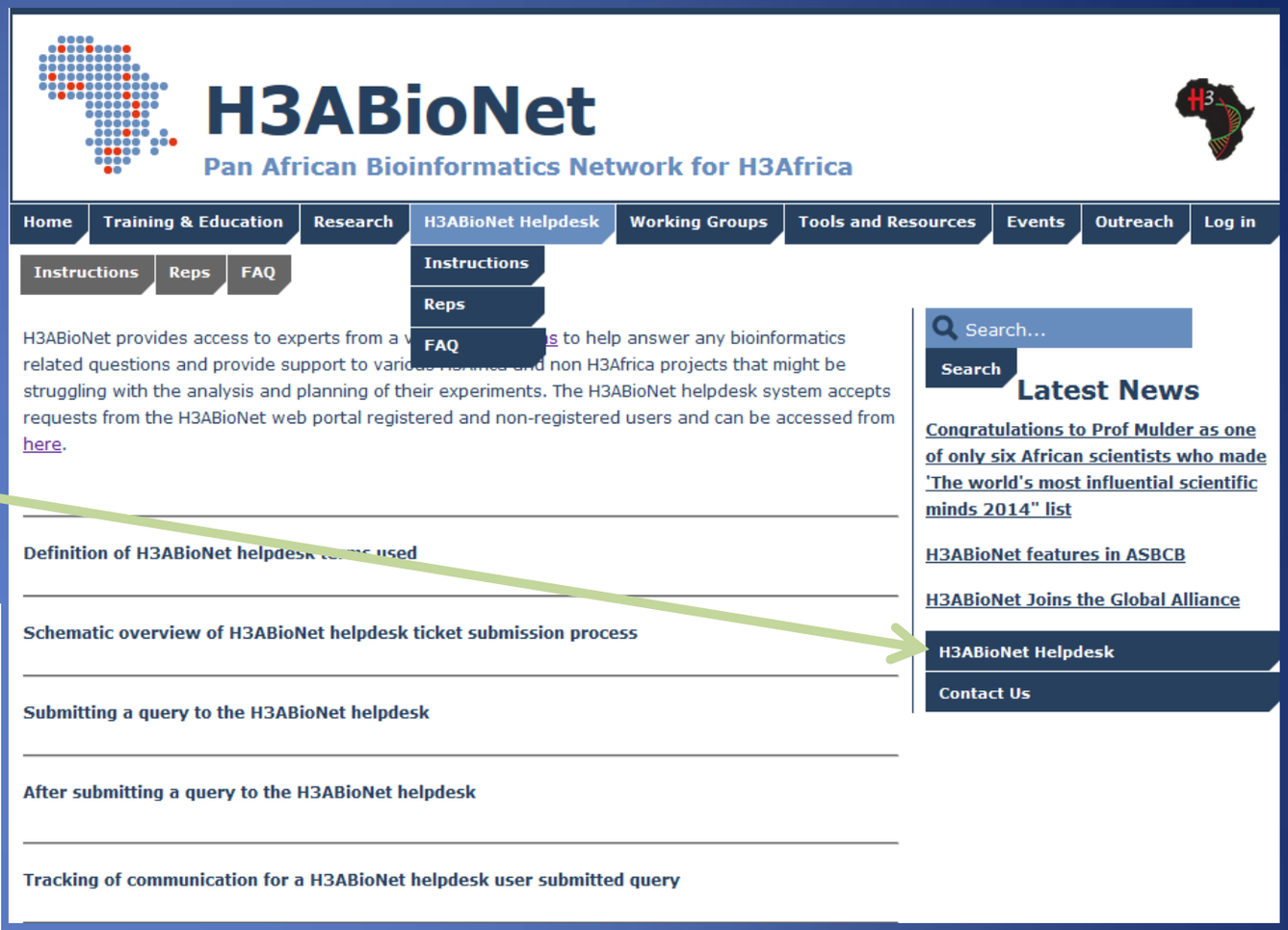


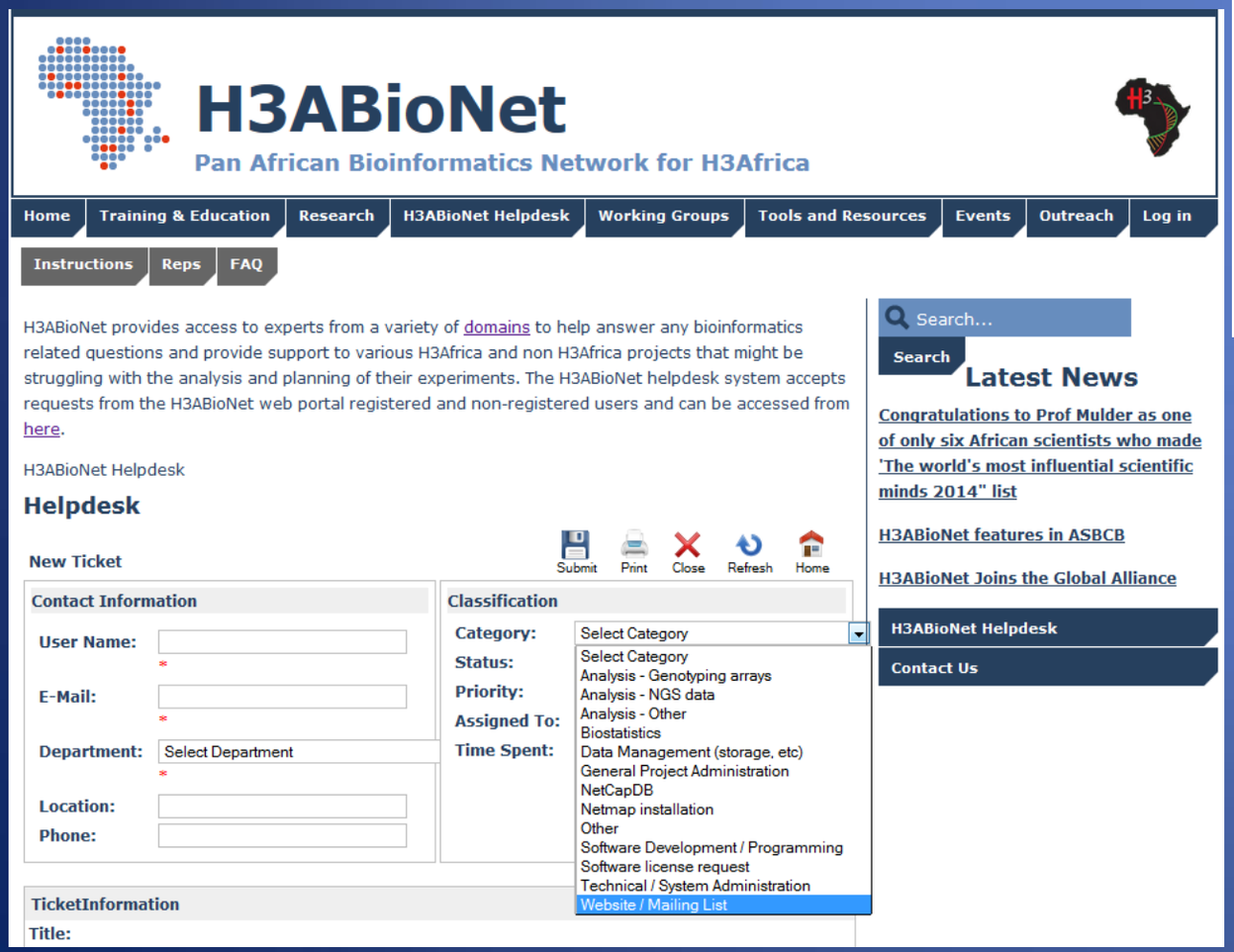


2. Click on the link to propose a research project, complete the web form and submit.

I have a question, how do I access the H3ABioNet Helpdesk?

H3ABioNet has a helpdesk with a variety of categories and expertise to provide assistance. To access the H3ABioNet Helpdesk click on the "H3ABioNet Helpdesk" tab:
http://www.h3abionet.org/support
The H3ABioNet Helpdesk is also available from any webpage via the side menu on the right

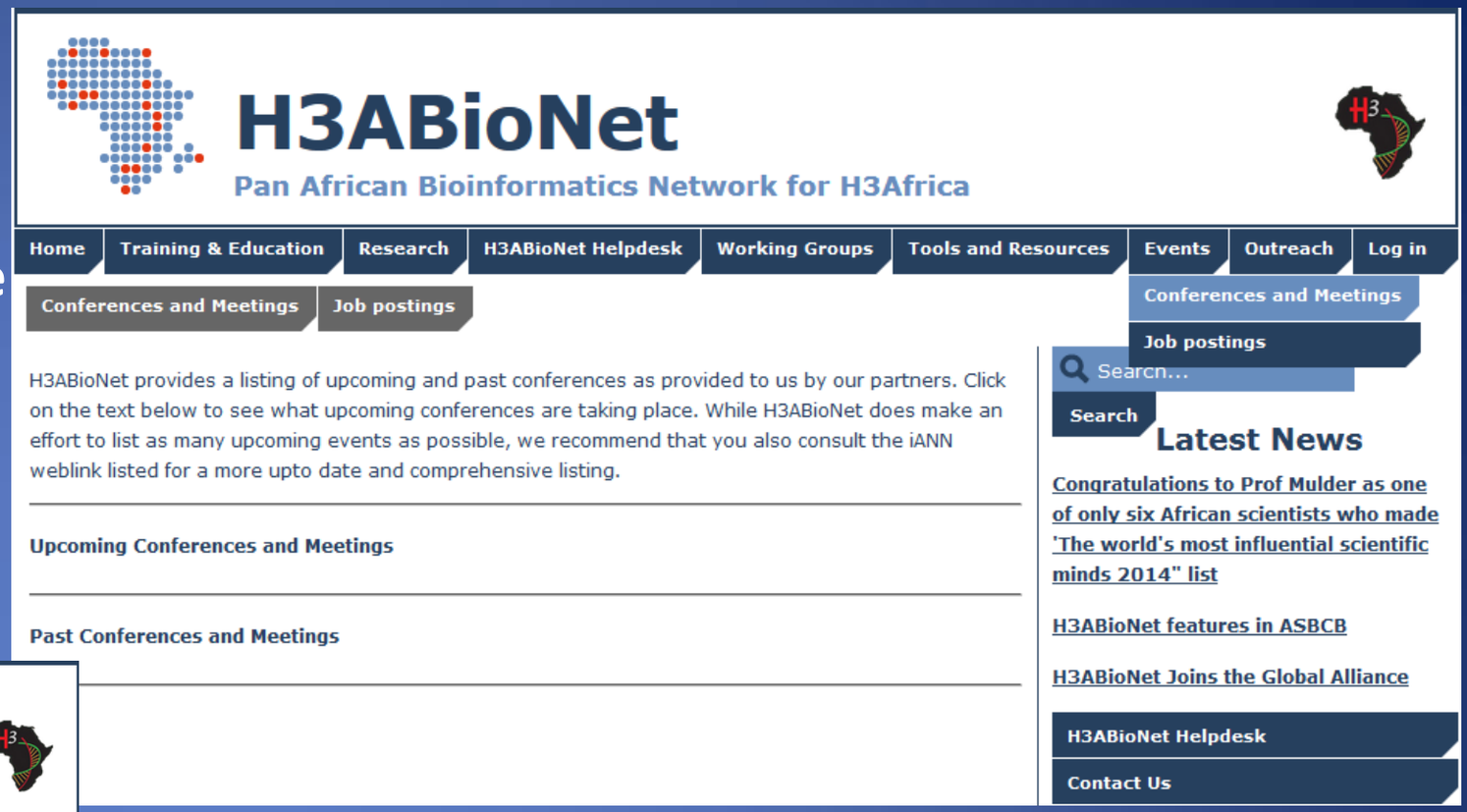




The H3ABioNet Helpdesk is publically accessible and the reps will answer and provide support for any H3Africa and non H3Africa queries that are submitted to the H3ABioNet Helpdesk

Does H3ABioNet list any upcoming conferences?

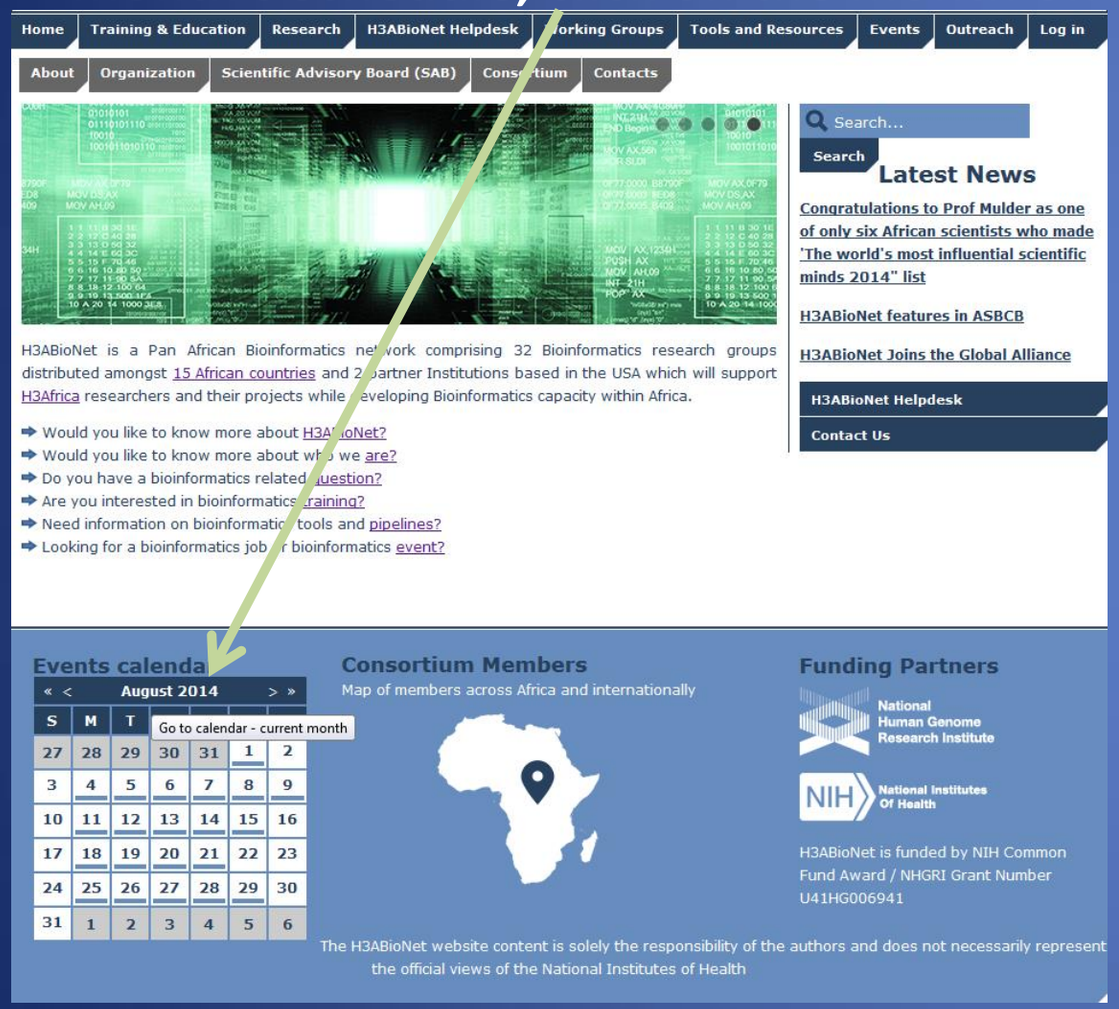
Yes, under the "Events" tab on the H3ABioNet website a list of upcoming conferences provided by our partners are listed. We also have a link to iAnn for the most up to date information on conferences occurring in the world: http://www.h3abionet.org/events

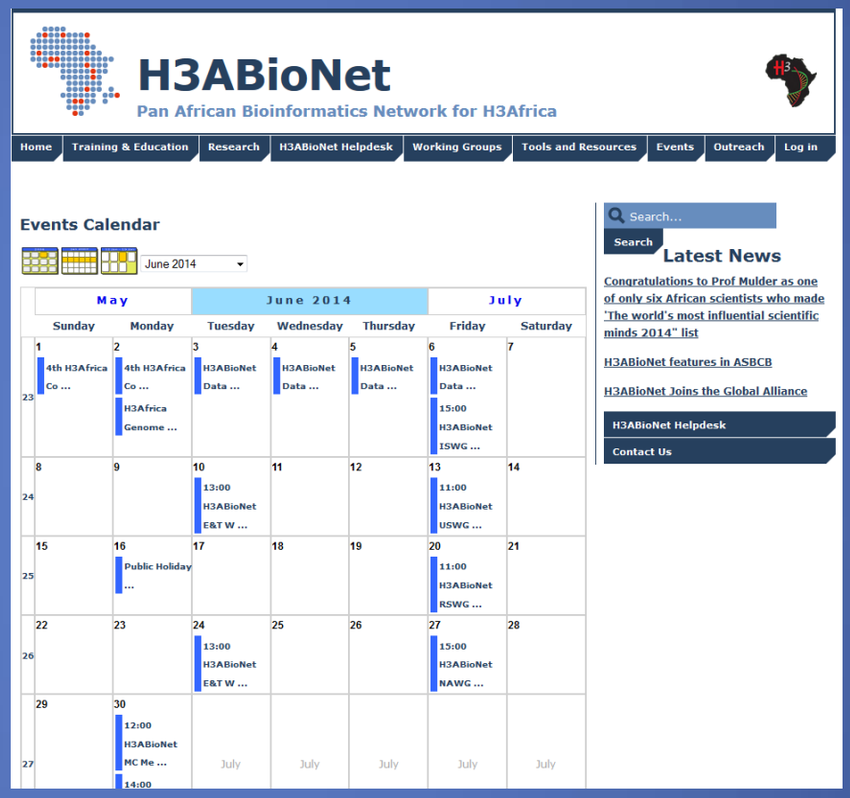


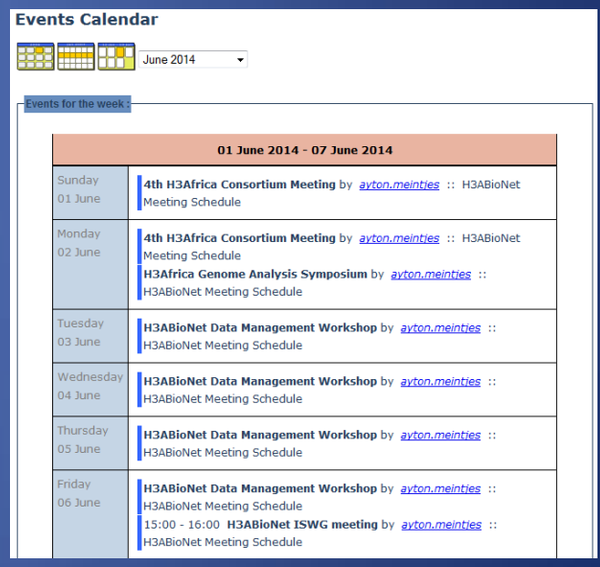
H3ABioNet places any calls it receives for job openings, postdoctoral or postgraduate studies / programmes from its partners. This is accessible via the "Events' tab under the "Job postings" tab: (http://www.h3abionet.org/events/job-postings)

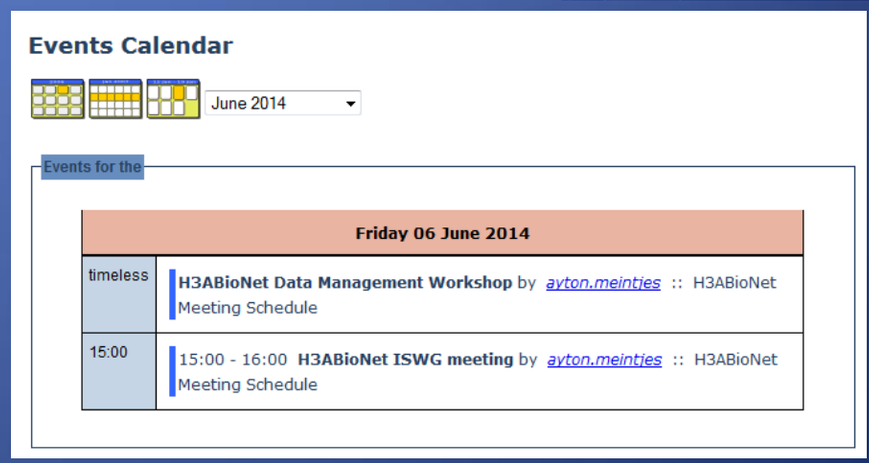
How can I tell what H3ABioNet or H3Africa meetings are scheduled?

The H3ABioNet website maintains an Events calendar which includes all H3ABioNet working group meetings and also has the H3Africa meetings for the current month populated. The H3ABioNet calendar is accessible from all the H3ABioNet webpages. To access the current month's schedule, click on the month on the Events calendar:









One can adjust the view according to month, week or day by clicking on the calendar tabs on the top

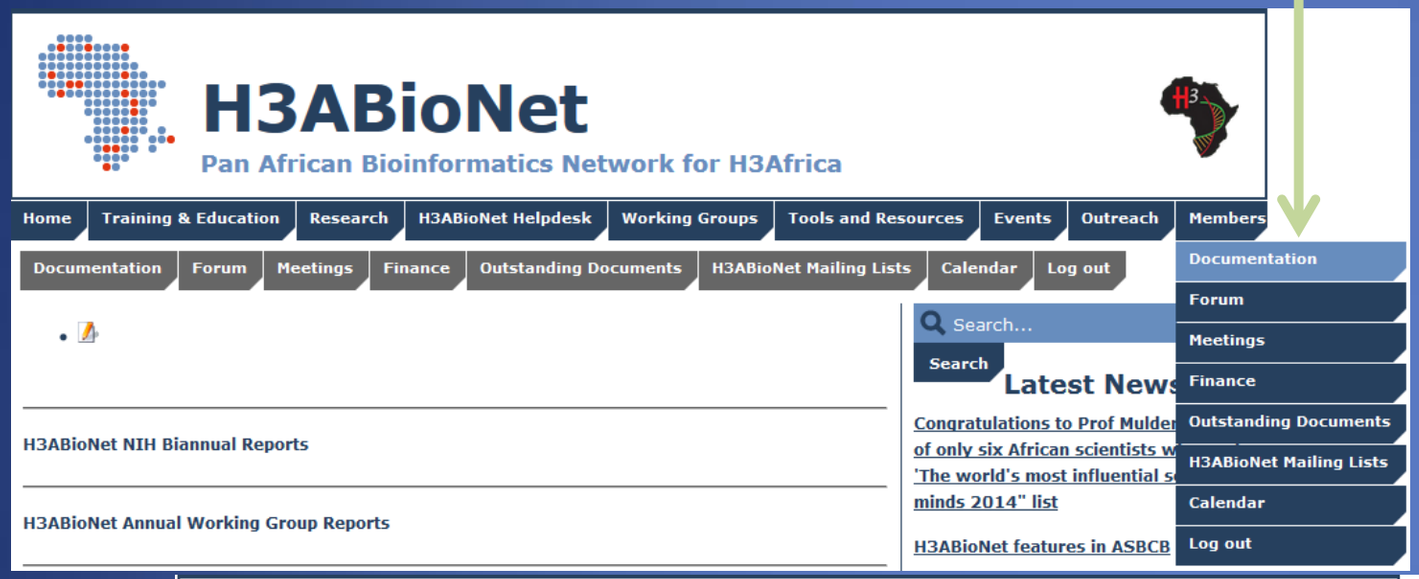
***Please note that all times provided on the H3ABioNet Events calendar are in Central African Time (CAT)**

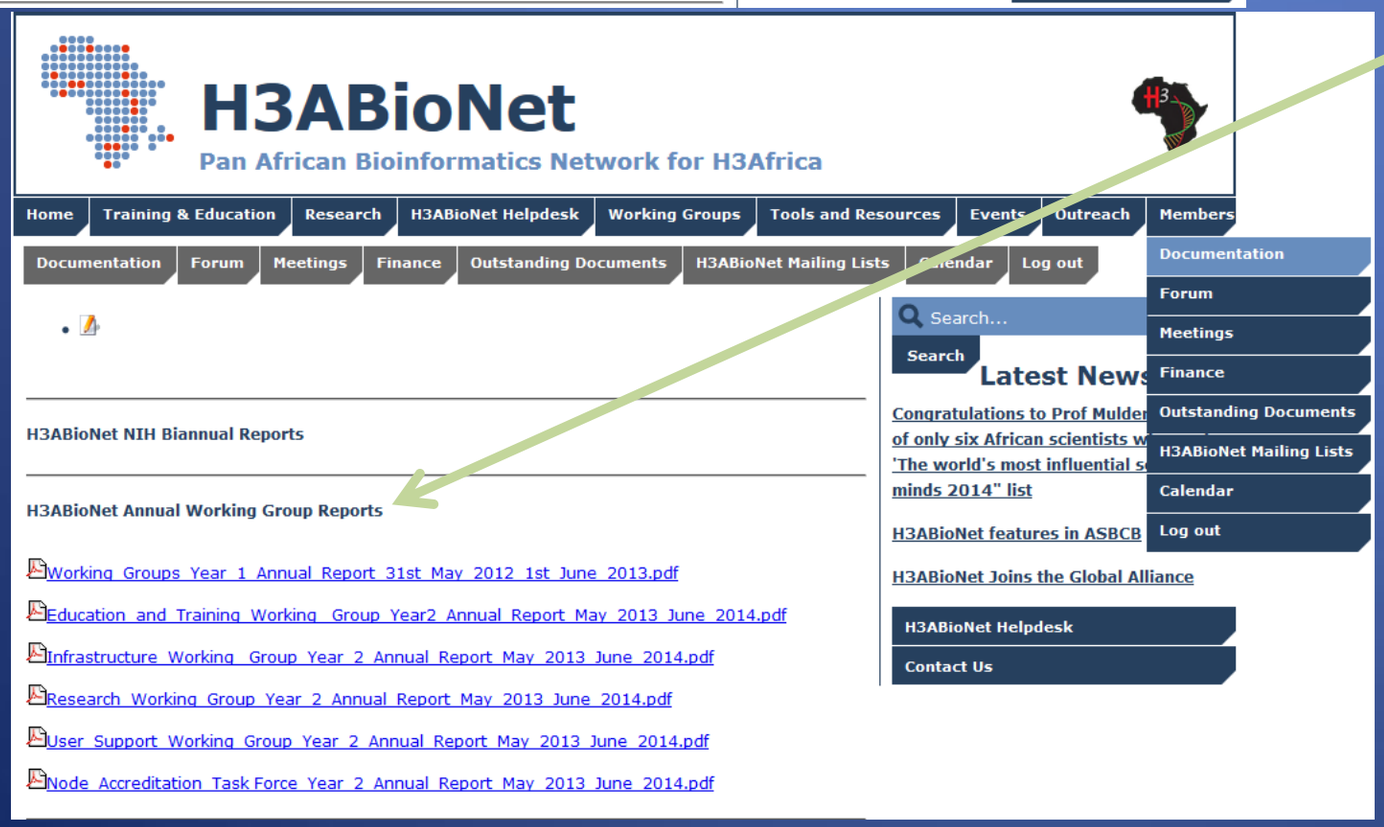
Where do I access the H3ABioNet Node accreditation SOPs?

The H3ABioNet Node accreditation SOPs are currently available on the H3ABioNet website for the variant calling from NGS data and Genome Wide Association Studies under the "Tools and Resources" tab. The Node accreditation SOPs all have practise datasets and we urge all the Nodes to download the practise datasets and run the SOPs to familiarize themselves with them

Where can I access H3ABioNet documents such as workshop reports, templates, policies developed?

There is a significant amount of documentation for H3ABioNet ranging from NIH FP form templates, workshop policies, airline ticket booking templates, biannual NIH reports, workshop evaluations etc that is available to members. These can be accessed upon logging into the website and clicking on the "Documentation" tab under the "Members" tab

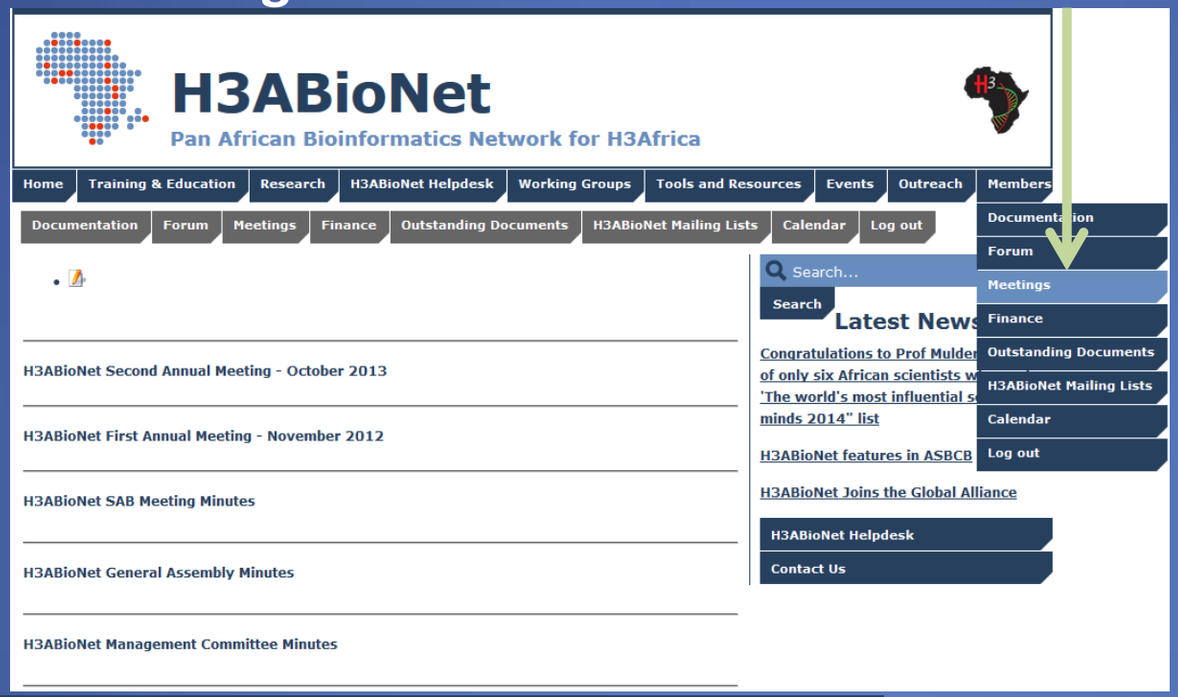


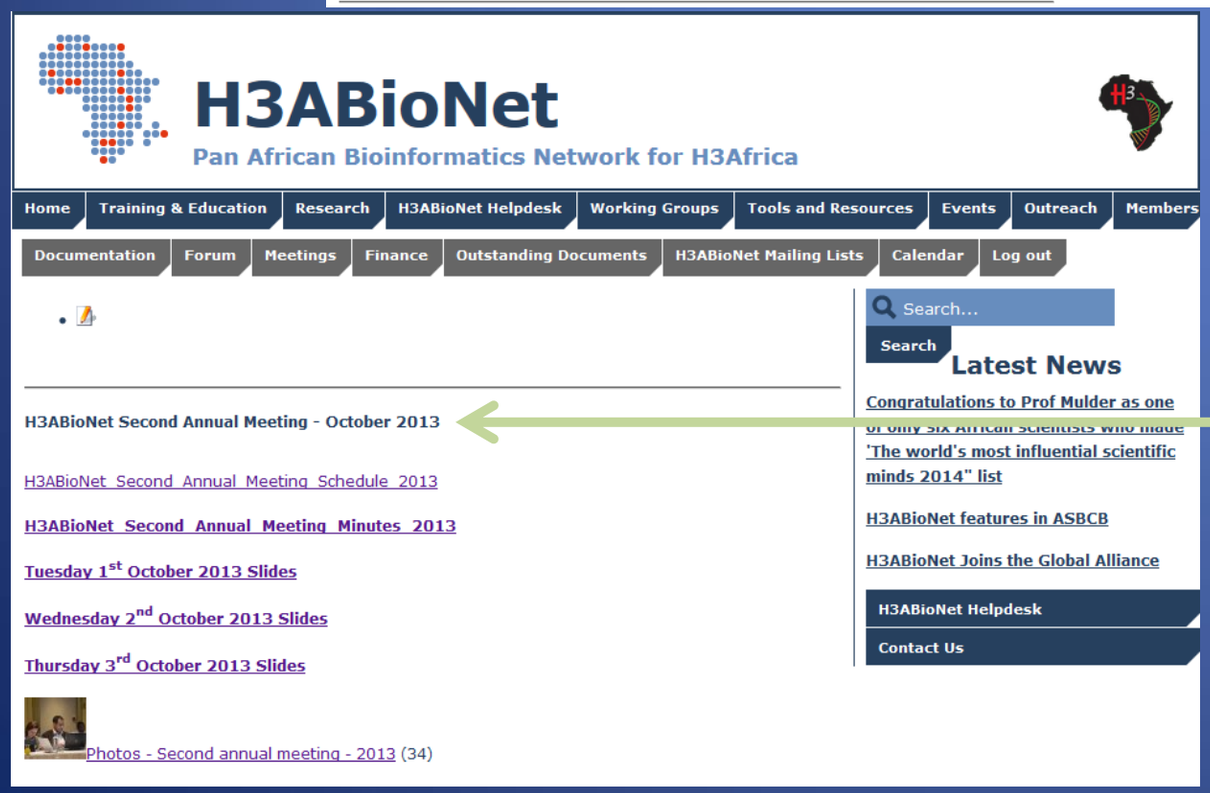


To obtain any documents that one is interested in from any of the categories, hover above it and click to expand the section and access the relevant documentation

How can I access previous H3ABioNet annual meeting, MC, SAB meeting documents?

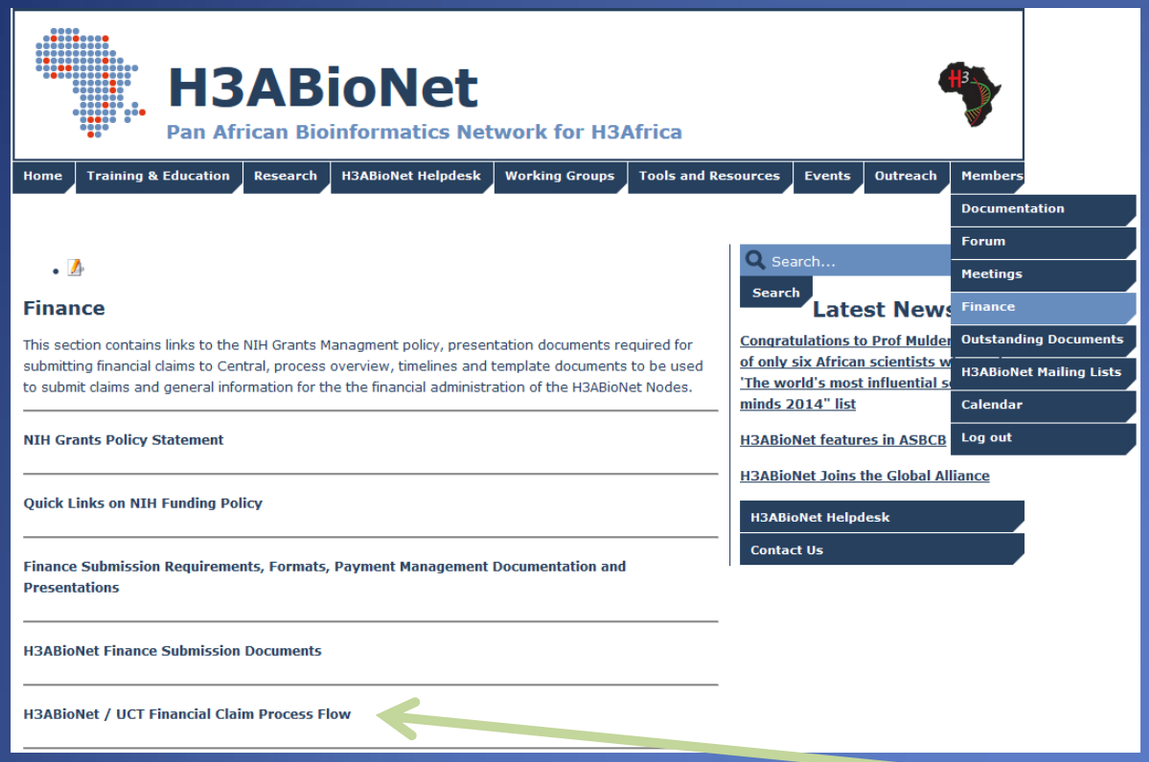
Previous H3ABioNet annual meeting documentation and the meeting minutes from the MC, the GA and the SAB are available on the H3ABioNet website upon logging into the website and clicking on the “Meetings“ tab under the “Members” tab





To obtain any documents that one is interested in from any of the categories, hover above it and click to expand the section and access the relevant documentation

Where can I access H3ABioNet documents pertaining to Finance?

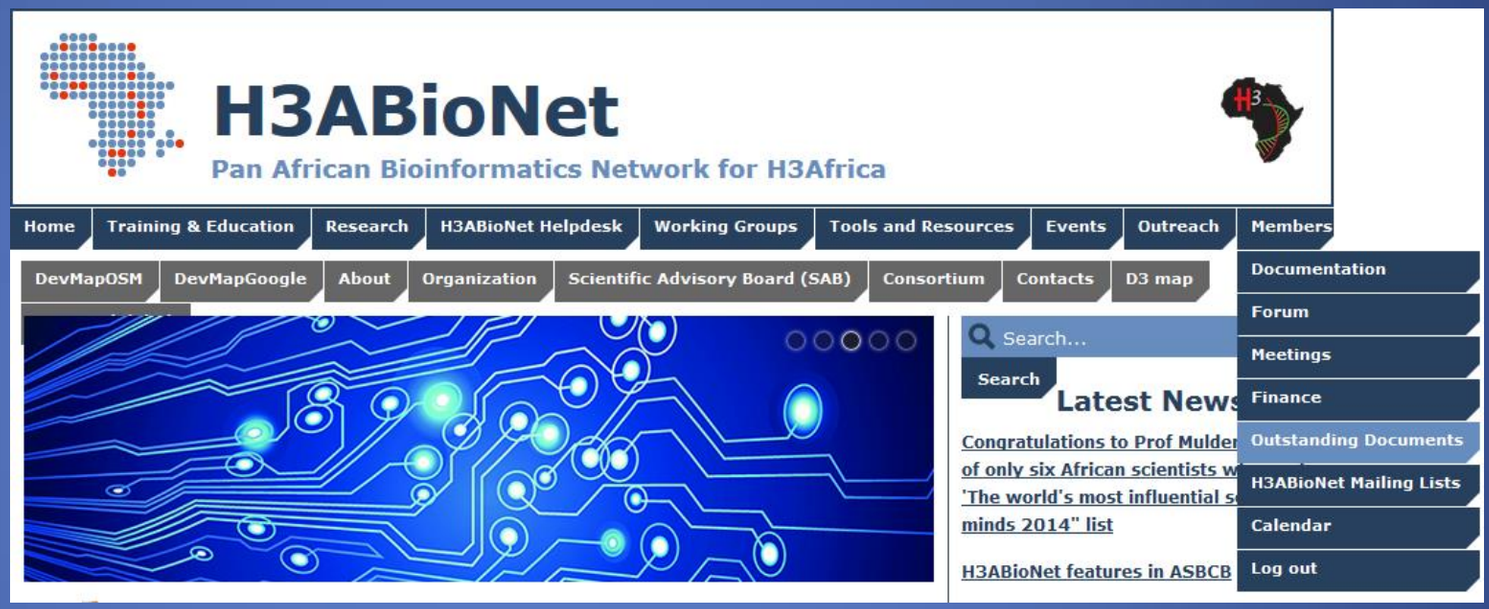


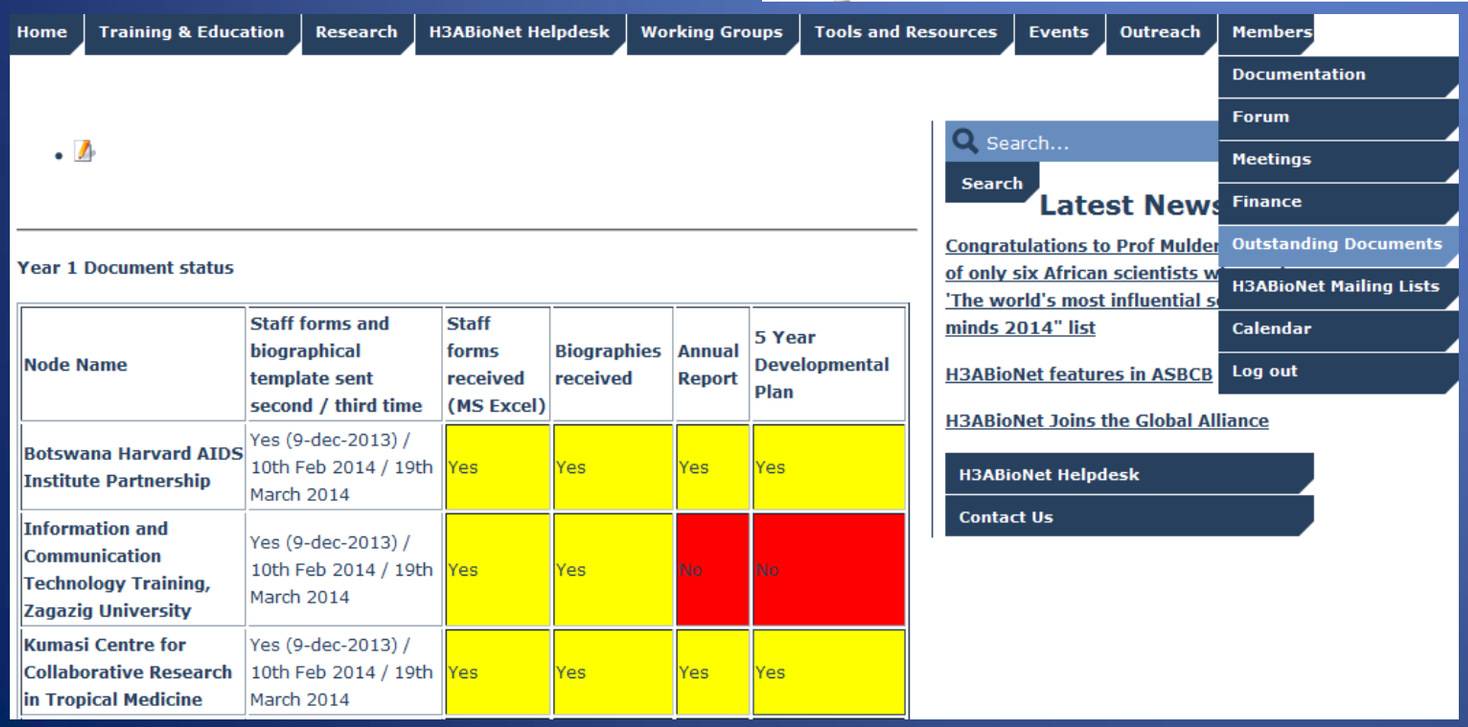
All presentations, documents and templates relating to Finance can be accessed after logging into the H3ABioNet website and clicking on “Finance” tab underneath the “Members” tab

Click on any of the sections that you are interested in to expand it and access the documents that fall under that category

How can I tell what documentation from my Node is outstanding?

H3ABioNet Nodes have a significant amount of reporting to do in order to demonstrate to the funders that they are making progress and also to create cohesion within the network. With all the documentation required, it is sometimes difficult for a Node to keep track of what is outstanding and what has ben submitted. To tell what documentation is needed from your Node, login into the H3ABioNet website and under the "Members" tab, Click on "Outstanding Documents"





Node Name	Staff forms and biographical template sent second / third time	Staff forms received (MS Excel)	Biographies received	Annual Report	5 Year Developmental Plan
Botswana Harvard AIDS Institute Partnership	Yes (9-dec-2013) / 10th Feb 2014 / 19th March 2014	Yes	Yes	Yes	Yes
Information and Communication Technology Training, Zagazig University	Yes (9-dec-2013) / 10th Feb 2014 / 19th March 2014	Yes	Yes	No	No
Kumasi Centre for Collaborative Research in Tropical Medicine	Yes (9-dec-2013) / 10th Feb 2014 / 19th March 2014	Yes	Yes	Yes	Yes

Where can I obtain an overview of all H3ABioNet mailing lists?

In order for H3ABioNet to communicate effectively, there are a number of different mailing lists for the various Working Groups, committees, task forces, finance announcements, general announcements. A full listing of the operational H3ABioNet mailing lists and a description is provided upon logging into the website by clicking on the "H3ABioNet Mailing Lists" tab

H3ABioNet

Pan African Bioinformatics Network for H3Africa

Home | Training & Education | Research | H3ABioNet Helpdesk | Working Groups | Tools and Resources | Events | Outreach | Members

Documentation
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H3ABioNet Mailing Lists
Calendar
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-

The following mailing lists and email aliases for H3ABioNet currently operational are summarised in the table below. If unsure whether you are subscribed to any of mailing lists below, please send an H3ABioNet Helpdesk request choosing "Website/mailing lists" as the category.

H3ABioNet Mailing List	Description
abec@lists.h3abionet.org	Mailing list for the African Bioinformatics Curriculum Development Overview committee
Announce_Finance@lists.h3abionet.org	Mailing list for H3ABioNet announcements regarding financial reporting and deadlines. All H3ABioNet Node PIs and Financial Managers are subscribed to this mailing list. Nodes **should not** submit any documentation to this mailing list as it is moderated and any submisssions will be rejected. H3ABioNet Nodes are encouraged to make their financial submissions to the finance_submission@h3abionet.org email alias

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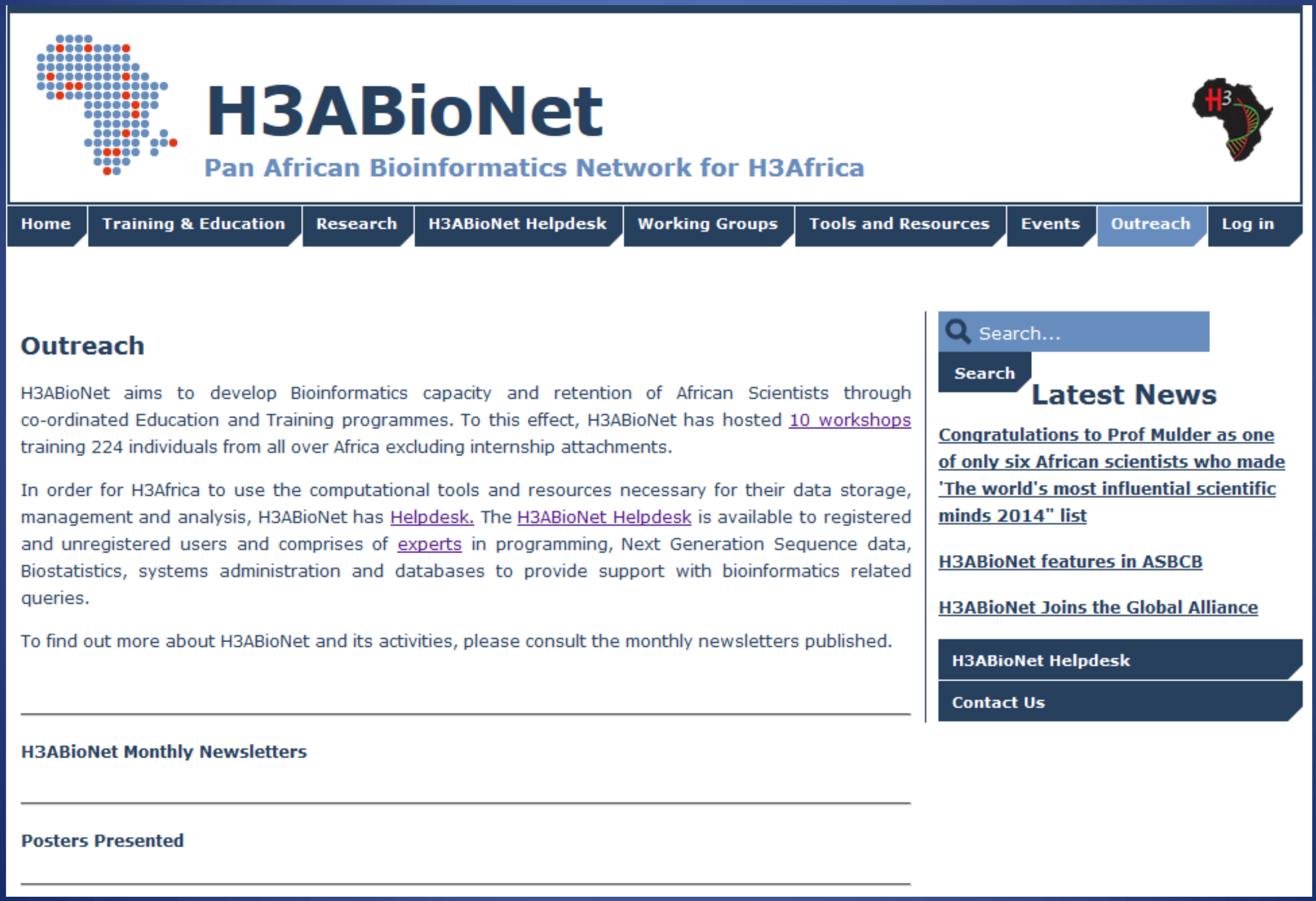
Latest News

Congratulations to Prof Mulder
of only six African scientists w
'The world's most influential s
minds 2014" list

H3ABioNet features in ASBCB

H3ABioNet Joins the Global Alliance

H3ABioNet Helpdesk
Contact Us

Where can I obtain previous H3ABioNet Newsletters, marketing materials, posters?

Research posters presented by H3ABioNet groups and previous H3ABioNet Newsletters are available from the H3ABioNet "Outreach" page (http://www.h3abionet.org/outreach)