

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.

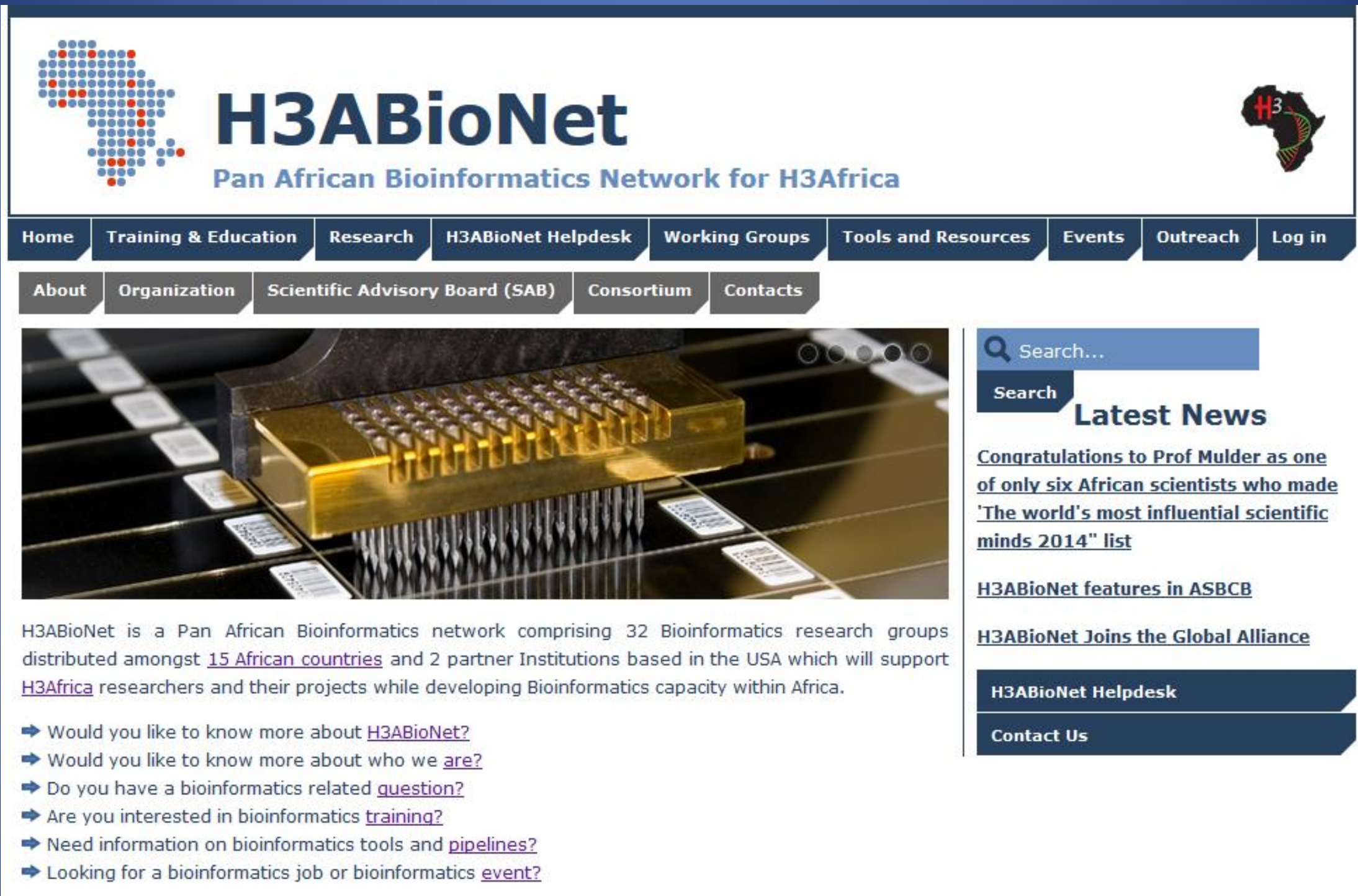
Prof. Nicky Mulder

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

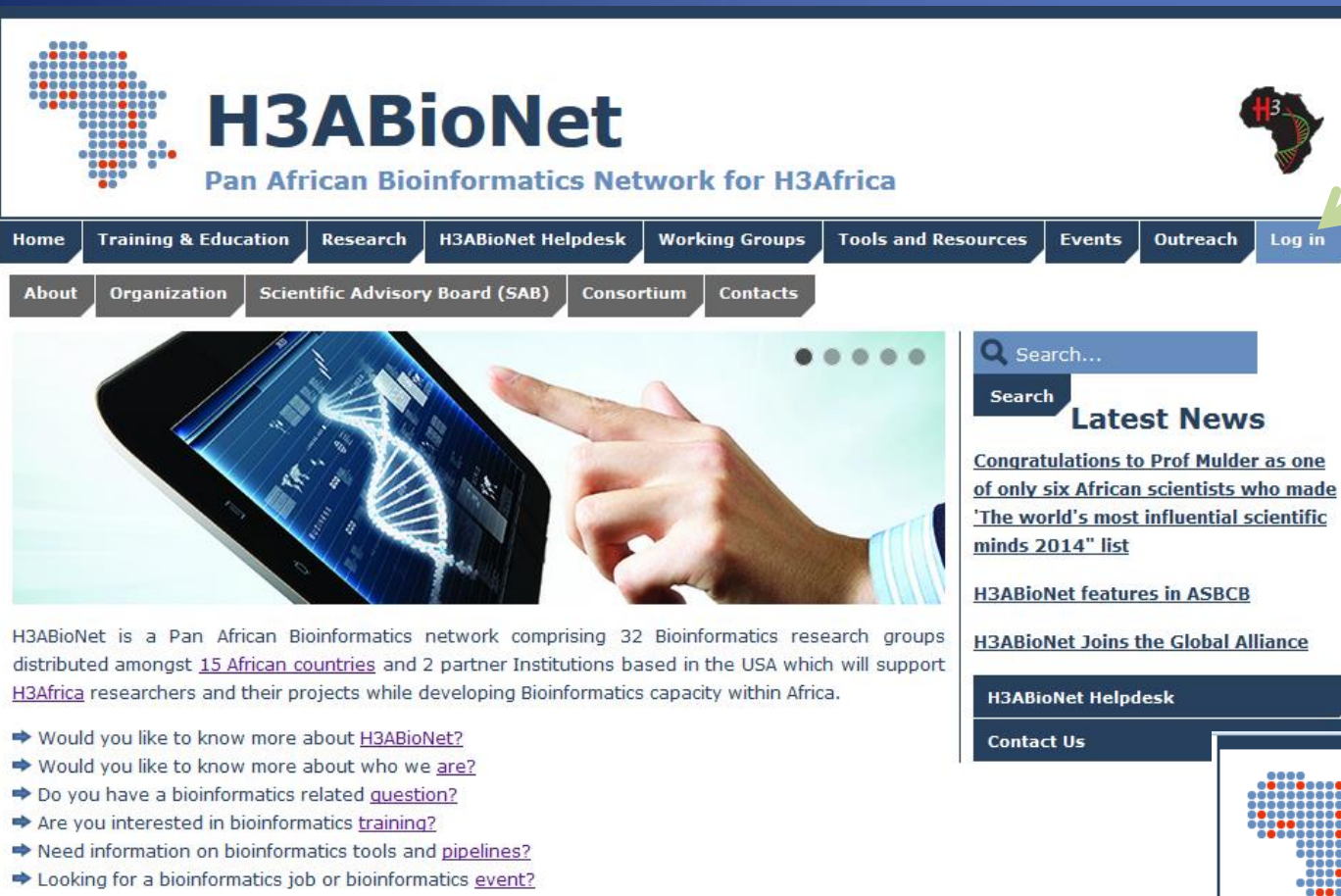


The screenshot shows the H3ABioNet website homepage. At the top left is the H3ABioNet logo, a stylized map of Africa composed of blue and red dots. To its right is the text "H3ABioNet" in a large, bold, dark blue font, with "Pan African Bioinformatics Network for H3Africa" in a smaller font below it. In the top right corner, there is a small icon of the African continent with a red "H3" and a DNA double helix. Below the header is a navigation menu with buttons for "Home", "Training & Education", "Research", "H3ABioNet Helpdesk", "Working Groups", "Tools and Resources", "Events", "Outreach", and "Log in". A secondary row of buttons includes "About", "Organization", "Scientific Advisory Board (SAB)", "Consortium", and "Contacts". The main content area features a large image of a microarray chip. To the right of the image is a search bar with the text "Search..." and a "Search" button. Below the search bar is a "Latest News" section with several news items, each with a "Search" button and a "Latest News" title. The first news item is "Congratulations to Prof Mulder as one of only six African scientists who made 'The world's most influential scientific minds 2014' list". The second is "H3ABioNet features in ASBCB". The third is "H3ABioNet Joins the Global Alliance". Below the news items are two buttons: "H3ABioNet Helpdesk" and "Contact Us". At the bottom of the page, there is a list of links with blue arrows pointing to the right: "Would you like to know more about [H3ABioNet?](#)", "Would you like to know more about who we [are?](#)", "Do you have a bioinformatics related [question?](#)", "Are you interested in bioinformatics [training?](#)", "Need information on bioinformatics tools and [pipelines?](#)", and "Looking for a bioinformatics job or bioinformatics [event?](#)".

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>)



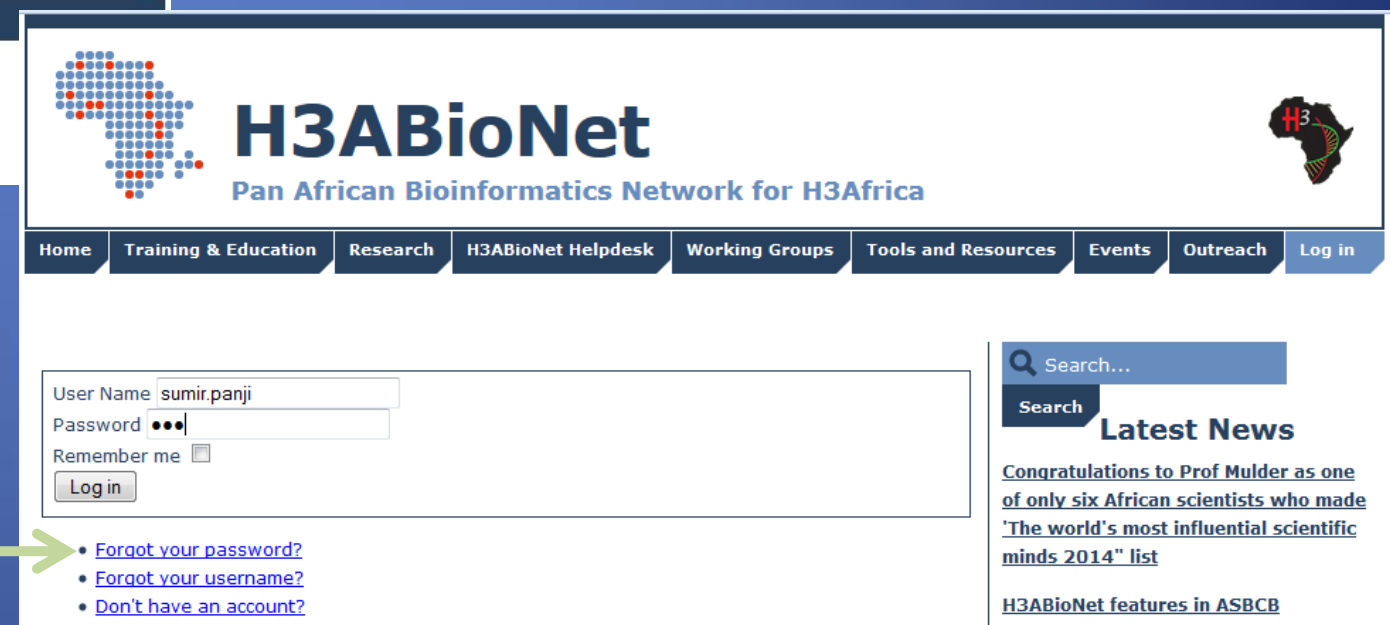
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No Username?

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

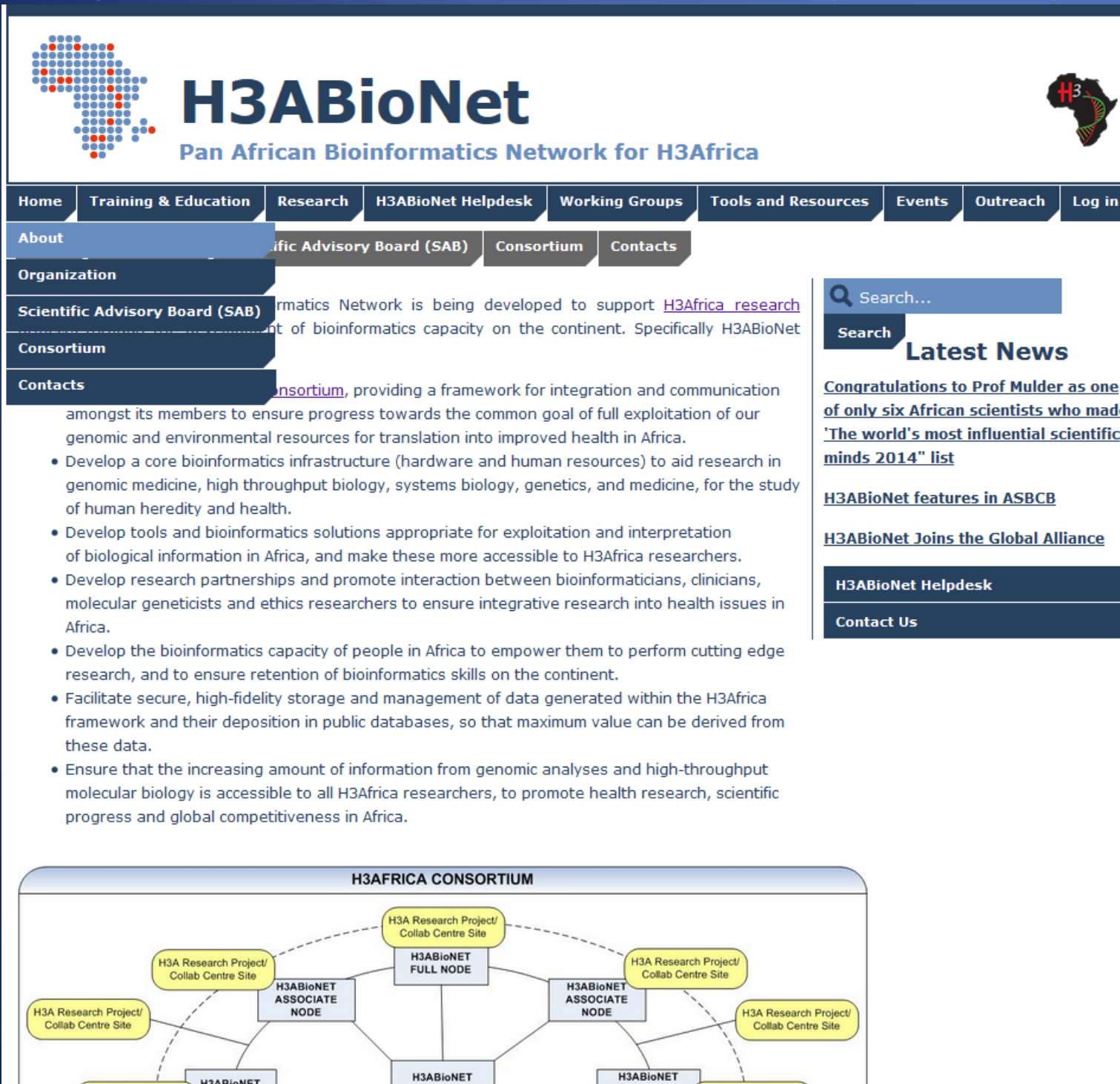


The screenshot shows the H3ABioNet website login page. At the top left is the H3ABioNet logo and the text "Pan African Bioinformatics Network for H3Africa". To the right is a small map of Africa with an "H3" logo. Below the header is a navigation menu with tabs: Home, Training & Education, Research, H3ABioNet Helpdesk, Working Groups, Tools and Resources, Events, Outreach, and Log in. Below the navigation menu is another set of tabs: About, Organization, Scientific Advisory Board (SAB), Consortium, and Contacts. The main content area features a large image of a hand pointing at a tablet displaying a DNA double helix. To the right of the image is a search bar and a "Latest News" section with a headline: "Congratulations to Prof Mulder as one of only six African scientists who made 'The world's most influential scientific minds 2014' list". Below the news section are links for "H3ABioNet features in ASBCB" and "H3ABioNet Joins the Global Alliance". At the bottom of the page is an "H3ABioNet Helpdesk" section with a "Contact Us" link.

- [Forgot your password?](#)
- [Forgot your username?](#)
- [Don't have an account?](#)

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>)



H3ABioNet
Pan African Bioinformatics Network for H3Africa

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

About Scientific Advisory Board (SAB) Consortium Contacts

Organization

Scientific Advisory Board (SAB) Bioinformatics Network is being developed to support [H3Africa research](#) of bioinformatics capacity on the continent. Specifically H3ABioNet Consortium

Contacts Consortium, providing a framework for integration and communication amongst its members to ensure progress towards the common goal of full exploitation of our genomic and environmental resources for translation into improved health in Africa.

- Develop a core bioinformatics infrastructure (hardware and human resources) to aid research in genomic medicine, high throughput biology, systems biology, genetics, and medicine, for the study of human heredity and health.
- Develop tools and bioinformatics solutions appropriate for exploitation and interpretation of biological information in Africa, and make these more accessible to H3Africa researchers.
- Develop research partnerships and promote interaction between bioinformaticians, clinicians, molecular geneticists and ethics researchers to ensure integrative research into health issues in Africa.
- Develop the bioinformatics capacity of people in Africa to empower them to perform cutting edge research, and to ensure retention of bioinformatics skills on the continent.
- Facilitate secure, high-fidelity storage and management of data generated within the H3Africa framework and their deposition in public databases, so that maximum value can be derived from these data.
- Ensure that the increasing amount of information from genomic analyses and high-throughput molecular biology is accessible to all H3Africa researchers, to promote health research, scientific progress and global competitiveness in Africa.

Search... Latest News

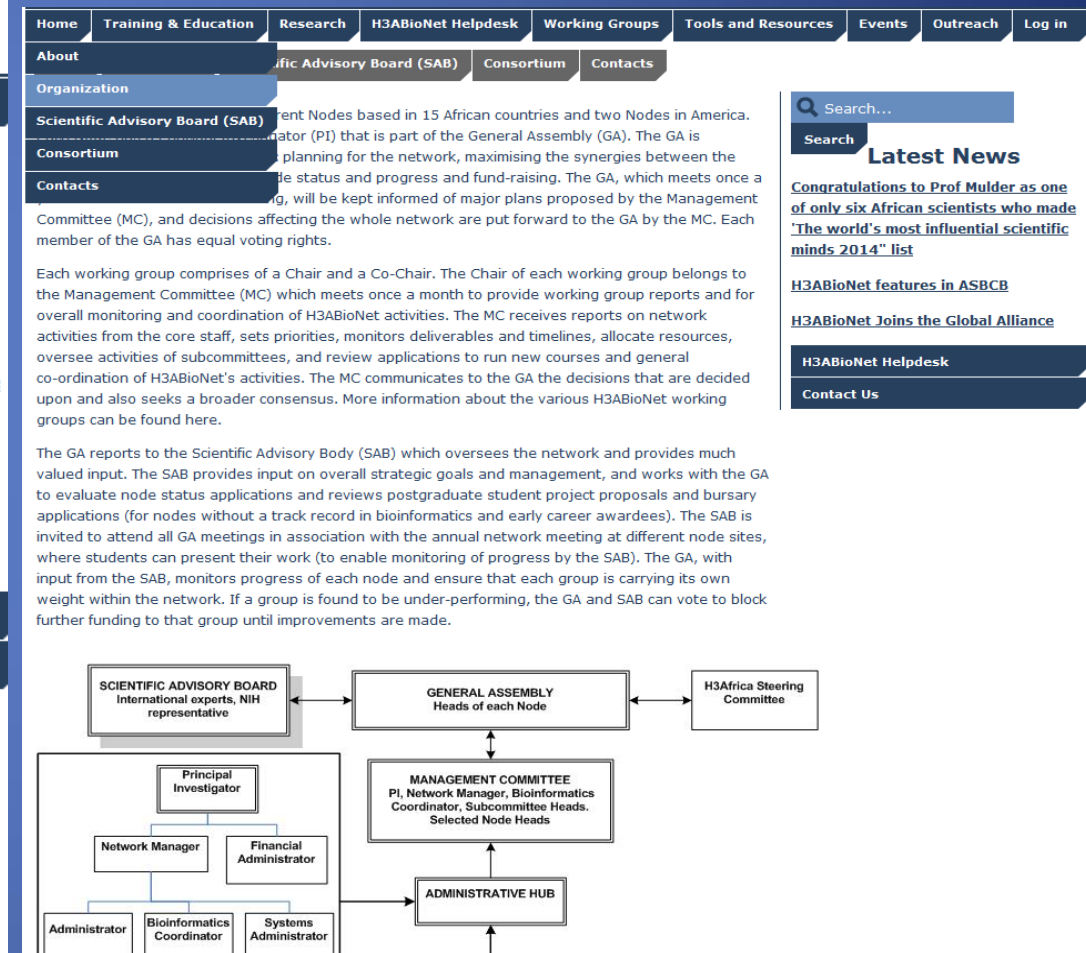
[Congratulations to Prof Mulder as one of only six African scientists who made 'The world's most influential scientific minds 2014' list](#)

[H3ABioNet features in ASBCB](#)

[H3ABioNet Joins the Global Alliance](#)

H3ABioNet Helpdesk

Contact Us



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

About Scientific Advisory Board (SAB) Consortium Contacts

Organization

Scientific Advisory Board (SAB) International experts, NIH representative

Consortium

Contacts

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

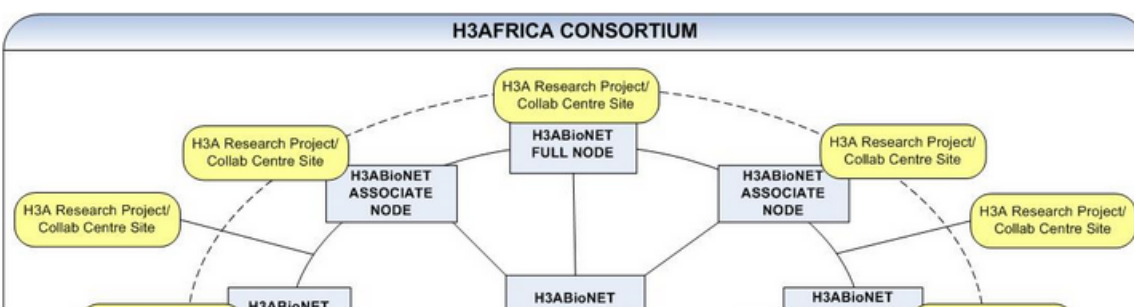
Contact Us

Each working group comprises of a Chair and a Co-Chair. The Chair of each working group belongs to the Management Committee (MC) which meets once a month to provide working group reports and for overall monitoring and coordination of H3ABioNet activities. The MC receives reports on network activities from the core staff, sets priorities, monitors deliverables and timelines, allocate resources, oversee activities of subcommittees, and review applications to run new courses and general co-ordination of H3ABioNet's activities. The MC communicates to the GA the decisions that are decided upon and also seeks a broader consensus. More information about the various H3ABioNet working groups can be found here.

The GA reports to the Scientific Advisory Body (SAB) which oversees the network and provides much valued input. The SAB provides input on overall strategic goals and management, and works with the GA to evaluate node status applications and reviews postgraduate student project proposals and bursary applications (for nodes without a track record in bioinformatics and early career awardees). The SAB is invited to attend all GA meetings in association with the annual network meeting at different node sites, where students can present their work (to enable monitoring of progress by the SAB). The GA, with input from the SAB, monitors progress of each node and ensure that each group is carrying its own weight within the network. If a group is found to be under-performing, the GA and SAB can vote to block further funding to that group until improvements are made.

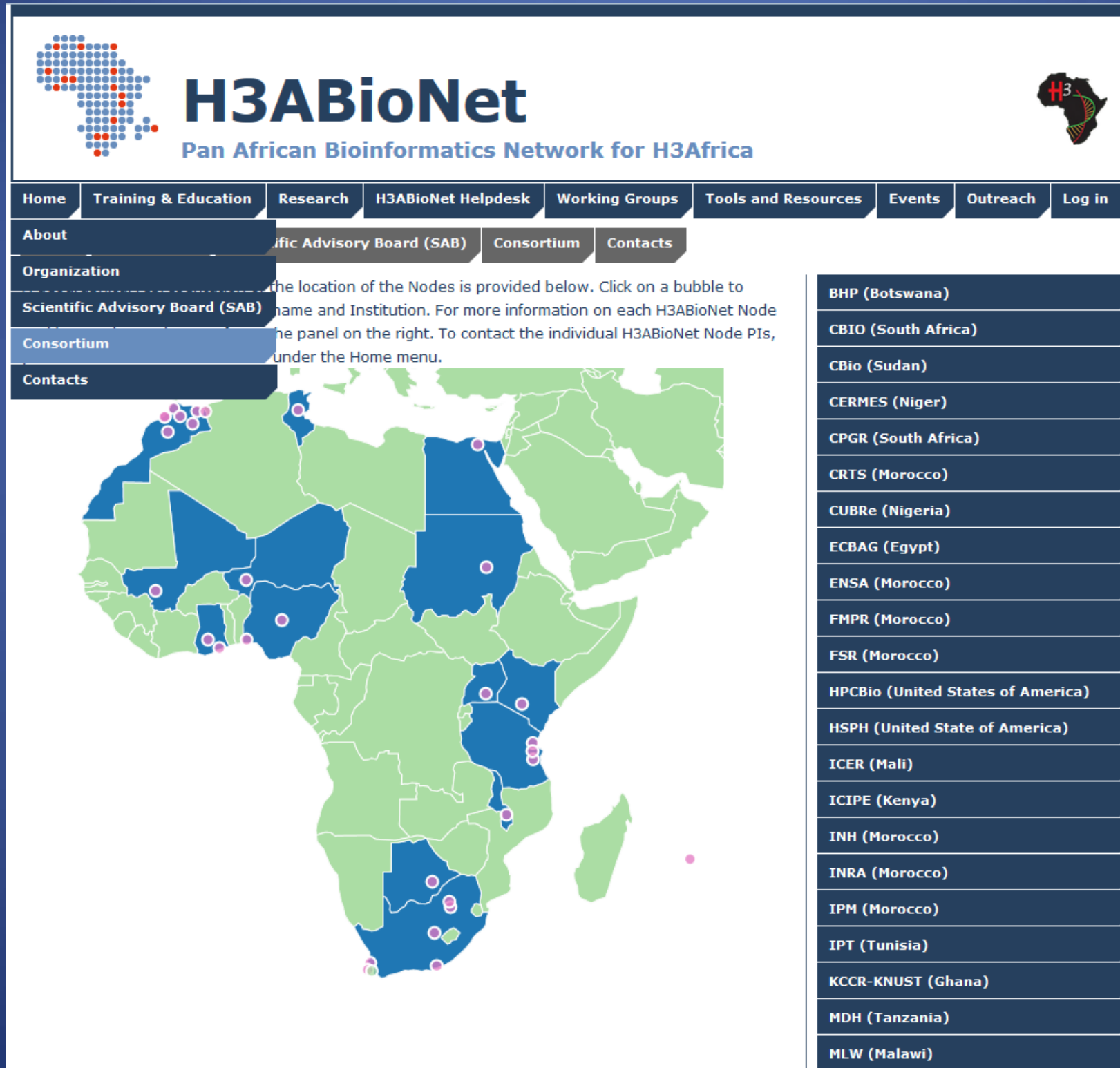
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graph TD
    SAB[SCIENTIFIC ADVISORY BOARD  
International experts, NIH representative] <--> GA[GENERAL ASSEMBLY  
Heads of each Node]
    GA <--> SSC[H3Africa Steering Committee]
    PI[Principal Investigator] --> NM[Network Manager]
    PI --> FA[Financial Administrator]
    NM --> Admin[Administrator]
    NM --> BC[Bioinformatics Coordinator]
    NM --> SA[Systems Administrator]
    NM --> MC[MANAGEMENT COMMITTEE  
PI, Network Manager, Bioinformatics Coordinator, Subcommittee Heads, Selected Node Heads]
    Admin --> AH[ADMINISTRATIVE HUB]
    BC --> AH
    SA --> AH
    AH --> MC
    MC --> GA
  
```



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>



H3ABioNet
Pan African Bioinformatics Network for H3Africa

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

About Scientific Advisory Board (SAB) Consortium Contacts

Organization

Scientific Advisory Board (SAB)

Consortium

Contacts

The location of the Nodes is provided below. Click on a bubble to see the name and Institution. For more information on each H3ABioNet Node click on the panel on the right. To contact the individual H3ABioNet Node PIs, click on the name under the Home menu.

BHP (Botswana)
CBIO (South Africa)
CBio (Sudan)
CERMES (Niger)
CPGR (South Africa)
CRTS (Morocco)
CUBRe (Nigeria)
ECBAG (Egypt)
ENSA (Morocco)
FMPR (Morocco)
FSR (Morocco)
HPCBio (United States of America)
HSPH (United State of America)
ICER (Mali)
ICIPE (Kenya)
INH (Morocco)
INRA (Morocco)
IPM (Morocco)
IPT (Tunisia)
KCCR-KNUST (Ghana)
MDH (Tanzania)
MLW (Malawi)

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

Centre de Recherche Médicale et Sanitaire (CERMES)

CERMES is located in Niamey Niger and is a developing H3ABioNet node which had no previous experience in Bioinformatics at inception. CERMES is under the Ministry of Public Health in Niger and is a member of the Institut Pasteur International Network. This node's main research interests include meningitis, malaria and interactions between health, environment and climate. CERMES also operates in Public Health and training.

Members

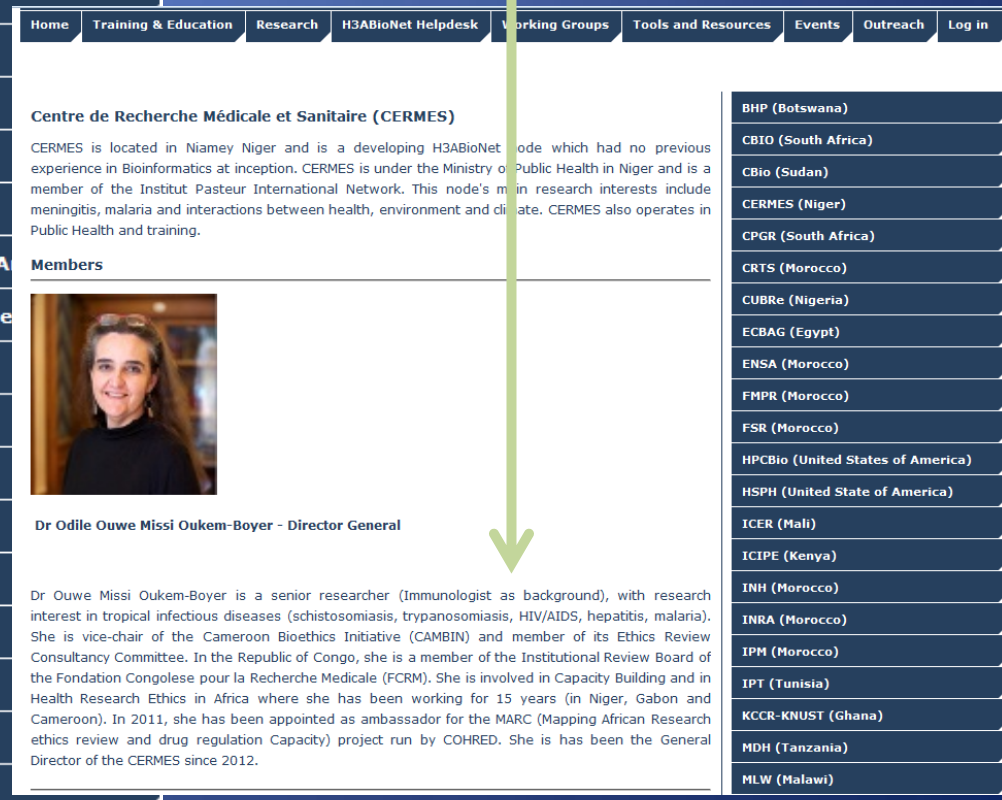


Dr Odile Ouwe Missi Oukem-Boyer - Director General



Dr Oumarou S. Samna - Consultant

- BHP (Botswana)
- CBIO (South Africa)
- CBio (Sudan)
- CERMES (Niger)**
- CPGR (South Africa)
- CRTS (Morocco)
- CUBRe (Nigeria)
- ECBAG (Egypt)
- ENSA (Morocco)
- FMPR (Morocco)
- FSR (Morocco)
- HPCBio (United States of America)
- HSPH (United State of America)
- ICER (Mali)
- ICIPE (Kenya)
- INH (Morocco)
- INRA (Morocco)
- IPM (Morocco)
- IPT (Tunisia)
- KCCR-KNUST (Ghana)
- MDH (Tanzania)
- MLW (Malawi)



This screenshot shows the expanded page for the CERMES node. It includes the same header and navigation menu as the main site. The content area is identical to the main site's CERMES page, showing the node description and a list of members. The member list includes Dr Odile Ouwe Missi Oukem-Boyer (Director General) and Dr Oumarou S. Samna (Consultant). The right-hand navigation menu is also visible, with 'CERMES (Niger)' highlighted.

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

90 pixels or ~ 2.4 cm



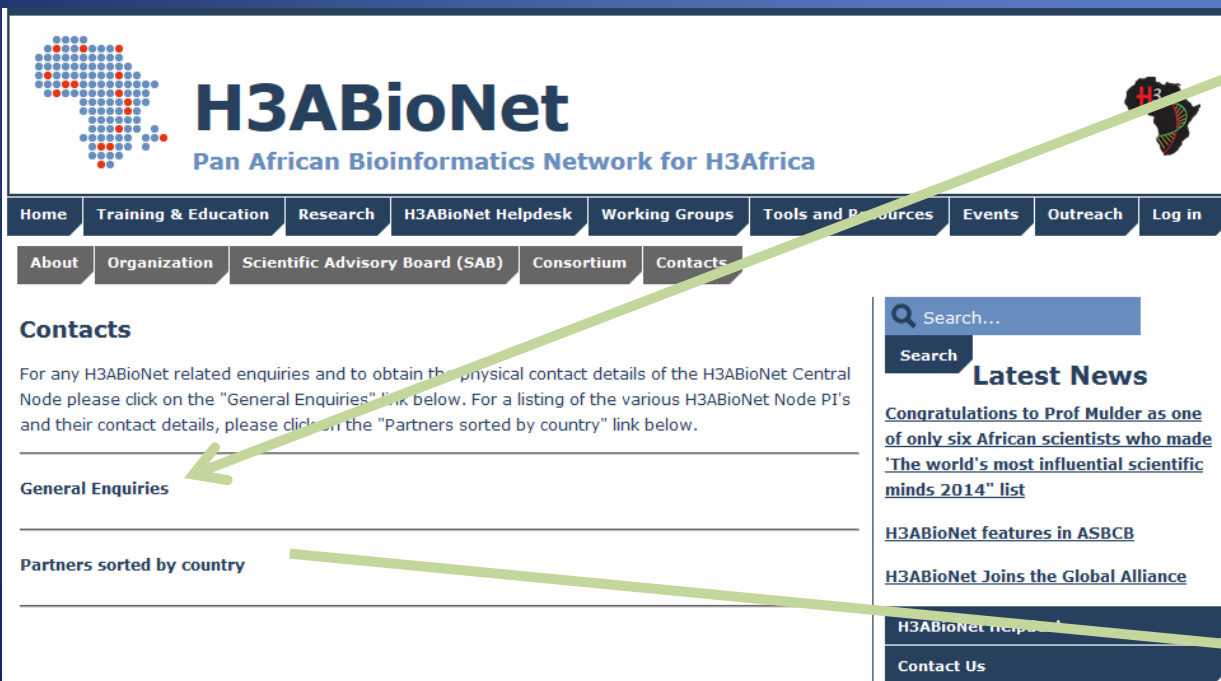
120 pixels or ~ 3.2 cm

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)

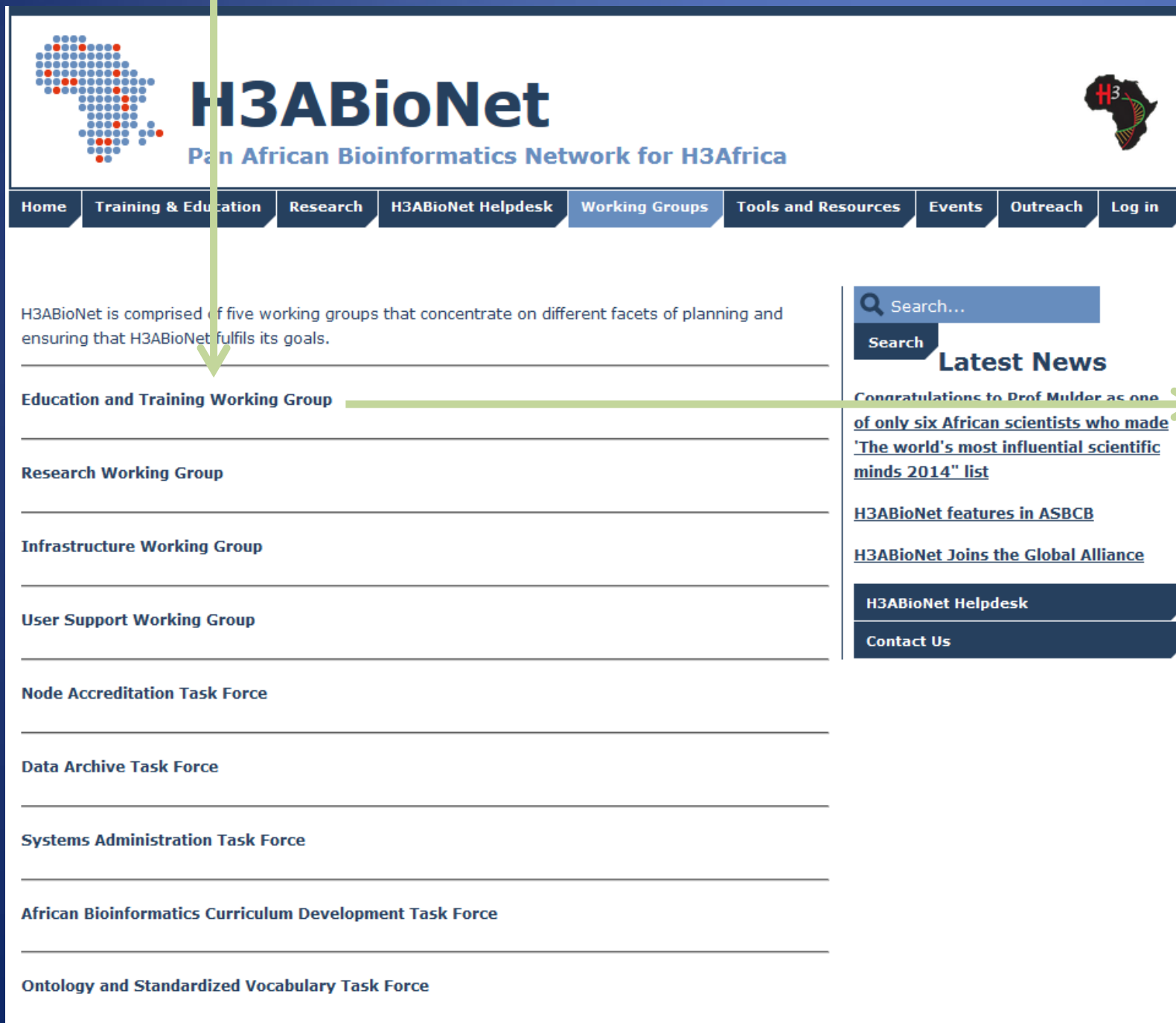



Name	Institution	Country	Email
Timani Senebwa	Botswana Harvard AIDS Institute Partnership	Botswana	senebwa@bha.or.bw
Ahmed Mansour Alzohary	Cairo University	Egypt	amansour@cu.edu.eg
James Brandful	Neurobiomedical Institute for Medical Research	Ghana	jbrandful@nsmvch.usc.edu.gh
Elis Oweusu-Dabo	Kwame Nkrumah University of Science and Technology	Ghana	oweusudabo@knu.ac.gh
Daniel Masiga	International Center for Insect Physiology and Ecology	Kenya	masiga@icipe.or.ke
Dean Everett	Malawi Liverpool Wellcome Trust Clinical Research Programme	Malawi	Dean.Everett@liverpool.ac.uk
Seydou Doumbou	University of Bamako	Mali	sdoumb@ceemail.org
Yasmina Souferally Fakhri	SAMMIS Network, University of Sharjah	UAE	yasmina@uom.ac.ae
Hassan Ghazal	Université Mohammed VI	Morocco	hassan.ghazal@univ-morocco.ma
Raouf Alami	Centre Régional de Transition Sanguine de Rabat	Morocco	raouf@am@rtao.com
Fouad	Institut National	Morocco	fouad@inr.ma

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



H3ABioNet
Pan African Bioinformatics Network for H3Africa

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

H3ABioNet is comprised of five working groups that concentrate on different facets of planning and ensuring that H3ABioNet fulfils its goals.

[Education and Training Working Group](#)

[Research Working Group](#)

[Infrastructure Working Group](#)

[User Support Working Group](#)

[Node Accreditation Task Force](#)

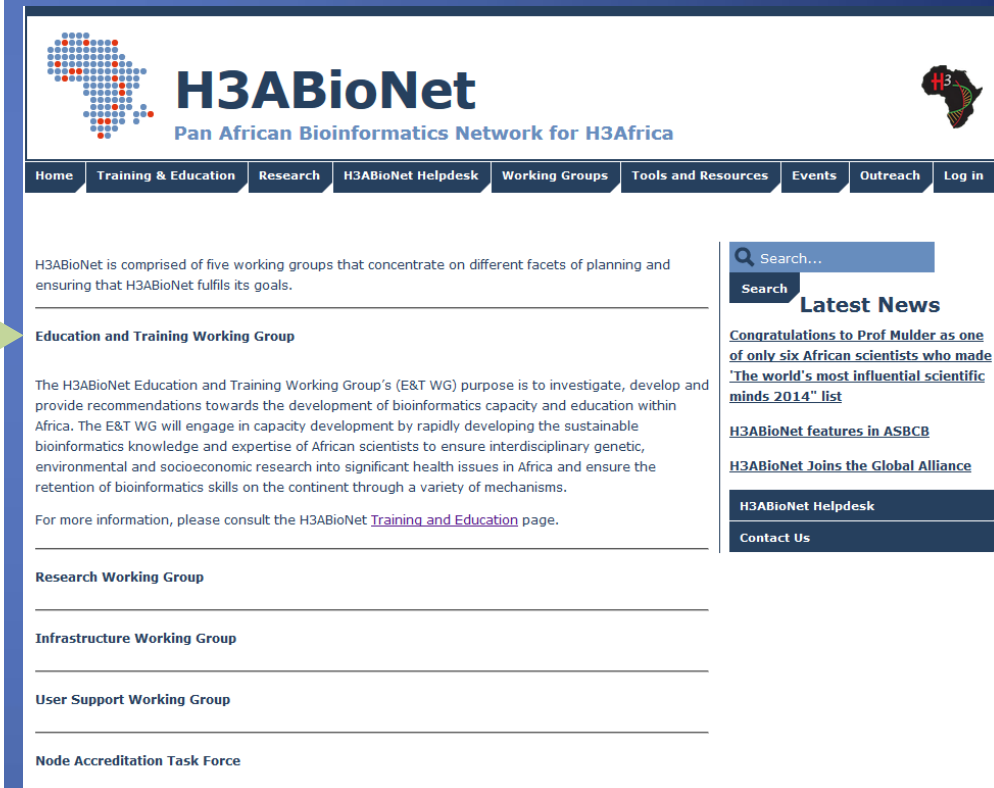
[Data Archive Task Force](#)

[Systems Administration Task Force](#)

[African Bioinformatics Curriculum Development Task Force](#)

[Ontology and Standardized Vocabulary Task Force](#)

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](#)
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H3ABioNet Helpdesk
Contact Us



H3ABioNet
Pan African Bioinformatics Network for H3Africa

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H3ABioNet is comprised of five working groups that concentrate on different facets of planning and ensuring that H3ABioNet fulfils its goals.

Education and Training Working Group

The H3ABioNet Education and Training Working Group's (E&T WG) purpose is to investigate, develop and provide recommendations towards the development of bioinformatics capacity and education within Africa. The E&T WG will engage in capacity development by rapidly developing the sustainable bioinformatics knowledge and expertise of African scientists to ensure interdisciplinary genetic, environmental and socioeconomic research into significant health issues in Africa and ensure the retention of bioinformatics skills on the continent through a variety of mechanisms.

For more information, please consult the H3ABioNet [Training and Education](#) page.

Research Working Group

Infrastructure Working Group

User Support Working Group

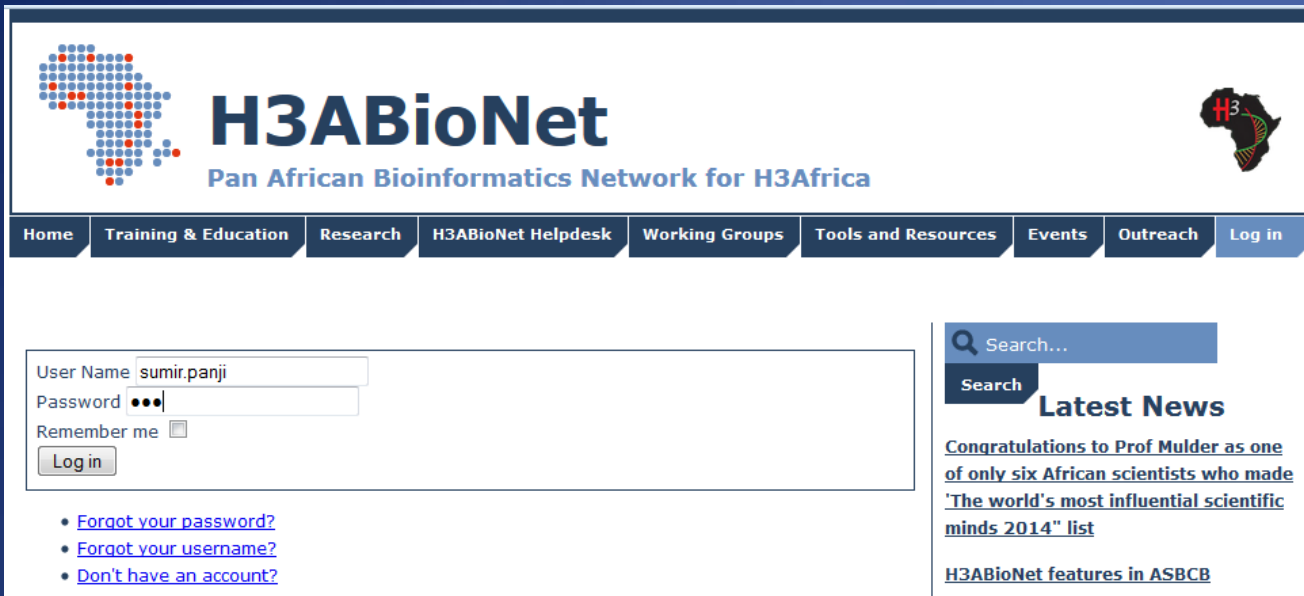
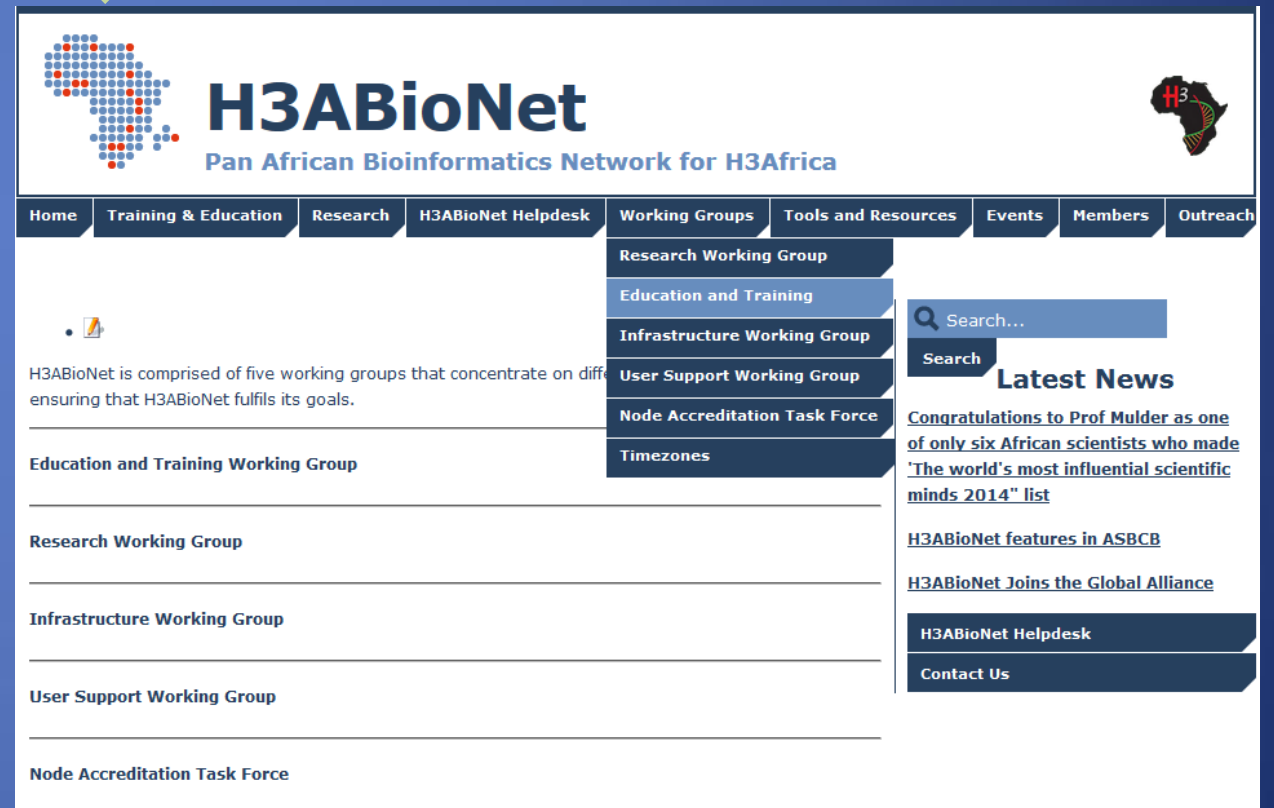
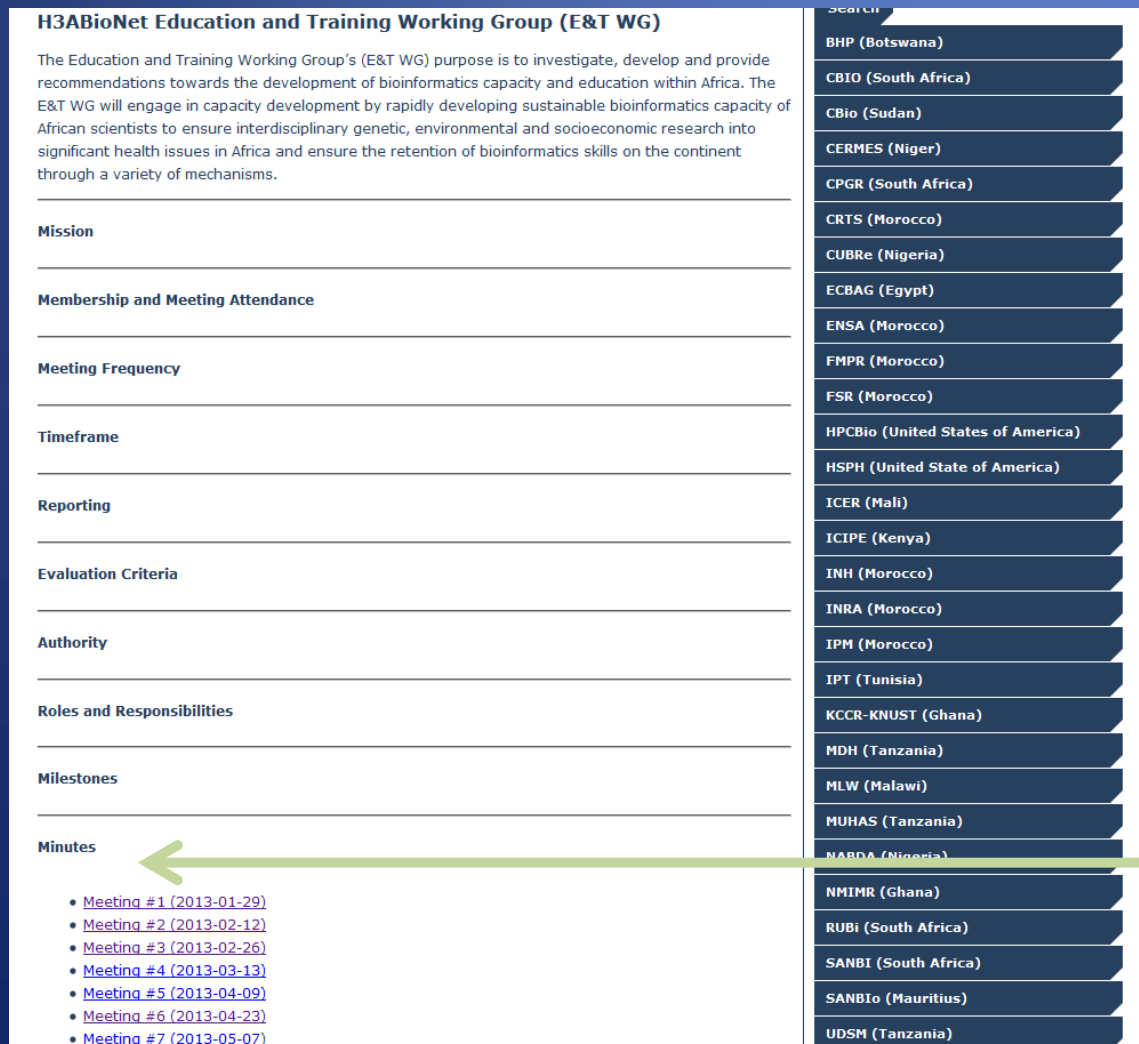
Node Accreditation Task Force

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[H3ABioNet Joins the Global Alliance](#)
H3ABioNet Helpdesk
Contact Us

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):

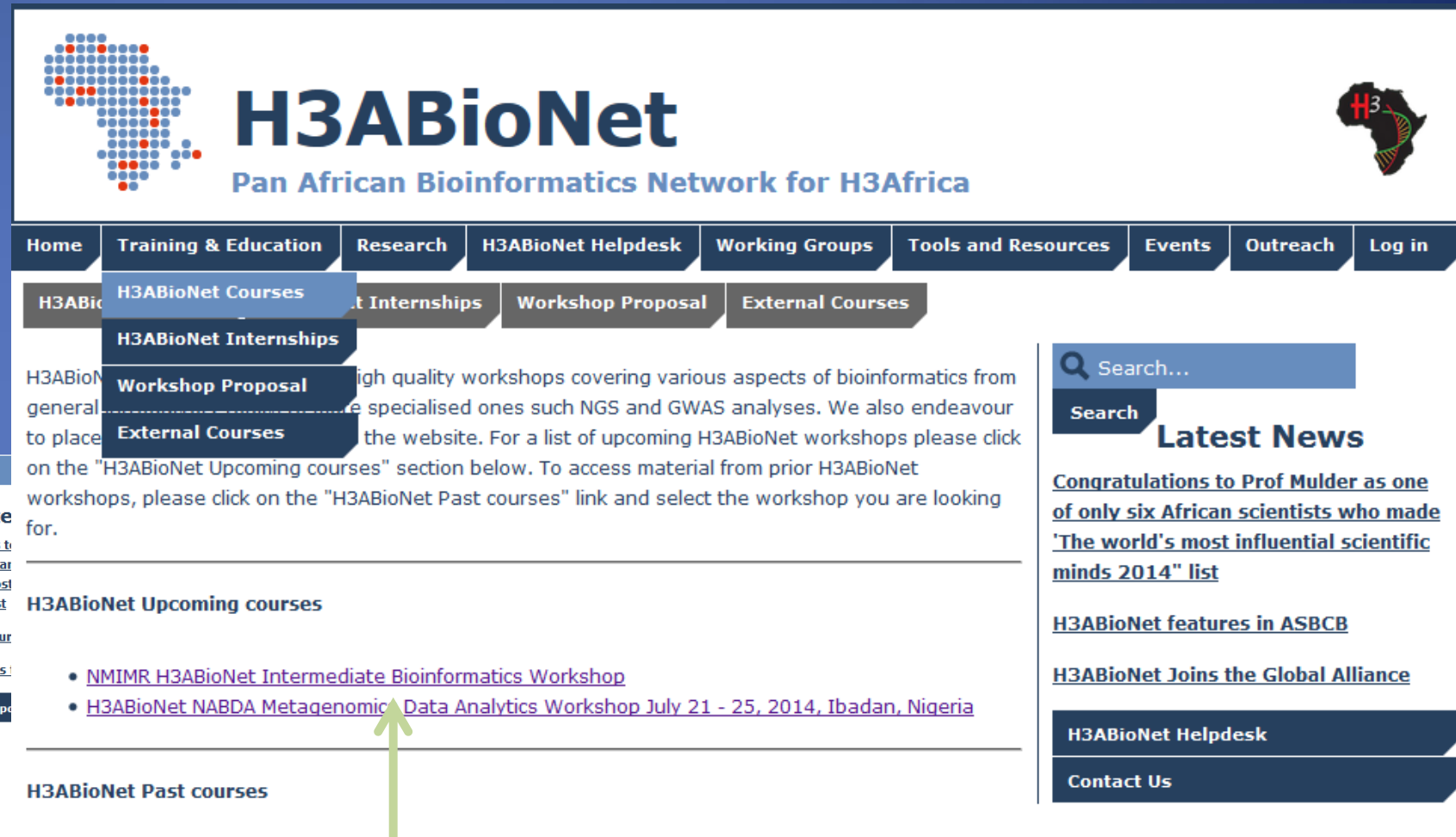




3. You will automatically be directed to the H3ABioNet Working Group page where you can click on any part of the text such as "Minutes" to obtain the Working Group's meeting minutes

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



The screenshot shows the H3ABioNet website interface. At the top, there is a navigation bar with tabs for Home, Training & Education, Research, H3ABioNet Helpdesk, Working Groups, Tools and Resources, Events, Outreach, and Log in. The 'Training & Education' tab is active, and a dropdown menu is open, showing options for H3ABioNet Courses, H3ABioNet Internships, Workshop Proposal, and External Courses. The 'H3ABioNet Courses' option is selected, and a sub-menu is displayed with the following items: H3ABioNet Courses, H3ABioNet Internships, Workshop Proposal, and External Courses. The 'Workshop Proposal' item is highlighted with a green arrow. Below the navigation bar, there is a search bar and a 'Latest News' section. The 'H3ABioNet Upcoming courses' section is visible, listing two workshops: 'NMIMR H3ABioNet Intermediate Bioinformatics Workshop' and 'H3ABioNet NABDA Metagenomic Data Analytics Workshop July 21 - 25, 2014, Ibadan, Nigeria'. A green arrow points to the second workshop link.

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
7 th July	Computing for Biomedical Scientists II	Common Linux utilities, Unix file system, Shell basics, Regular expressions, Administrative and Networking tools
8 th July	R Programming for Biologists	Introduction to R, Statistical modeling in R, Programming with R, Introduction to Bioconductor
9 th July	Introduction to MySQL	Introduction to Database Concepts and MySQL
10 th 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 Mulder¹
2	Data consent	Ethics/privacy/consent issues for the data	Jantina de Vries¹
3	LIMS systems	Freezerworks	Slindile Mbhele²
4	LIMS systems	BIKA LIMS systems	Leanne Smit²
5	LIMS systems	Open source LIMS systems	Alan Christofels³
6	LIMS systems	Live demonstration of The ARK system	Freedom Mukomana⁵
7	Patient databases	OpenMRS	Pascal Brandt⁴
8	Patient databases	REDCap	Irma Mare⁵
9	EBI Variation Resources	Overview of EBI Variation Archives	Ilkka Lappalainen⁶
10	EGA and SRA	EGA overview, process of submission (NGS and GWAS), data required, metadata, formats etc.	Ilkka Lappalainen⁶

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



H3ABioNet
Pan African Bioinformatics Network for H3Africa

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

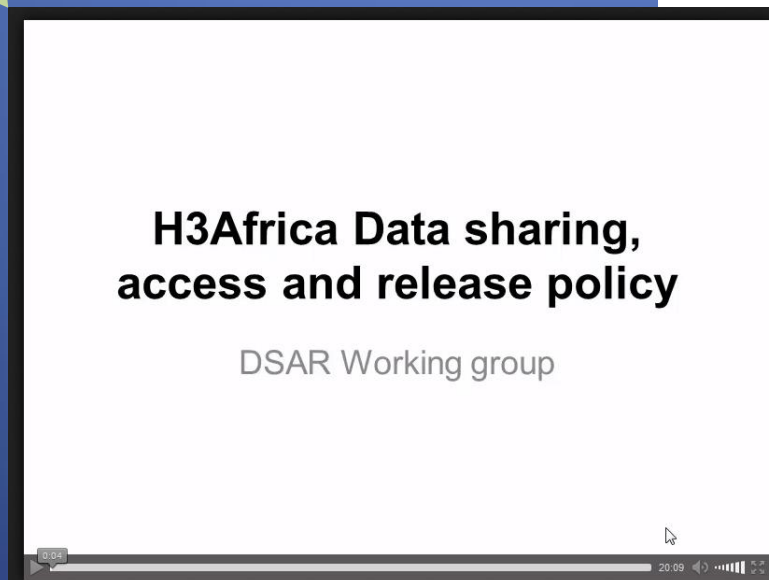
H3ABioNet Courses H3ABioNet Internships Workshop Proposal External Courses

H3ABioNet organises a variety of high quality workshops covering various aspects of bioinformatics from general introductory topics to more specialised ones such as NGS and GWAS analyses. We also endeavour to place all the training material on the website. For a list of upcoming H3ABioNet workshops please click on the "H3ABioNet Upcoming courses" section below. To access material from prior H3ABioNet workshops, please click on the "H3ABioNet Past courses" link and select the workshop you are looking for.

H3ABioNet Upcoming courses

H3ABioNet Past courses

- [H3ABioNet Data Management Workshop June 3 - 6, 2014](#)
- [H3ABioNet University of Botswana Bioinformatics Curriculum Development Workshop 2014](#)
- [H3ABioNet Postgraduate Bioinformatics Workshop 21st April - 26th May 2014](#)
- [H3ABioNet NABDA Node Training Course on Visual Analytics of Human Genome Variation Datasets, 29 July - 2 August 2013](#)
- [H3ABioNet Introduction to Bioinformatics using the eBioKit platform, 29 July - 2 August 2013](#)
- [H3ABioNet Train-the-Trainer Bioinformatics Course, 8 - 26 July 2013](#)
- [H3ABioNet Technical Training Course, 3 - 14 June 2013](#)
- [H3ABioNet Grants Management Course, 27 - 28 May 2013](#)



H3Africa Data sharing, access and release policy

DSAR Working group

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



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H3ABioNet Courses Internships Workshop Proposal External Courses

H3ABioNet Internships

Workshop Proposal of the H3ABioNet Internships

External Courses

The aim of the H3ABioNet Internships 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

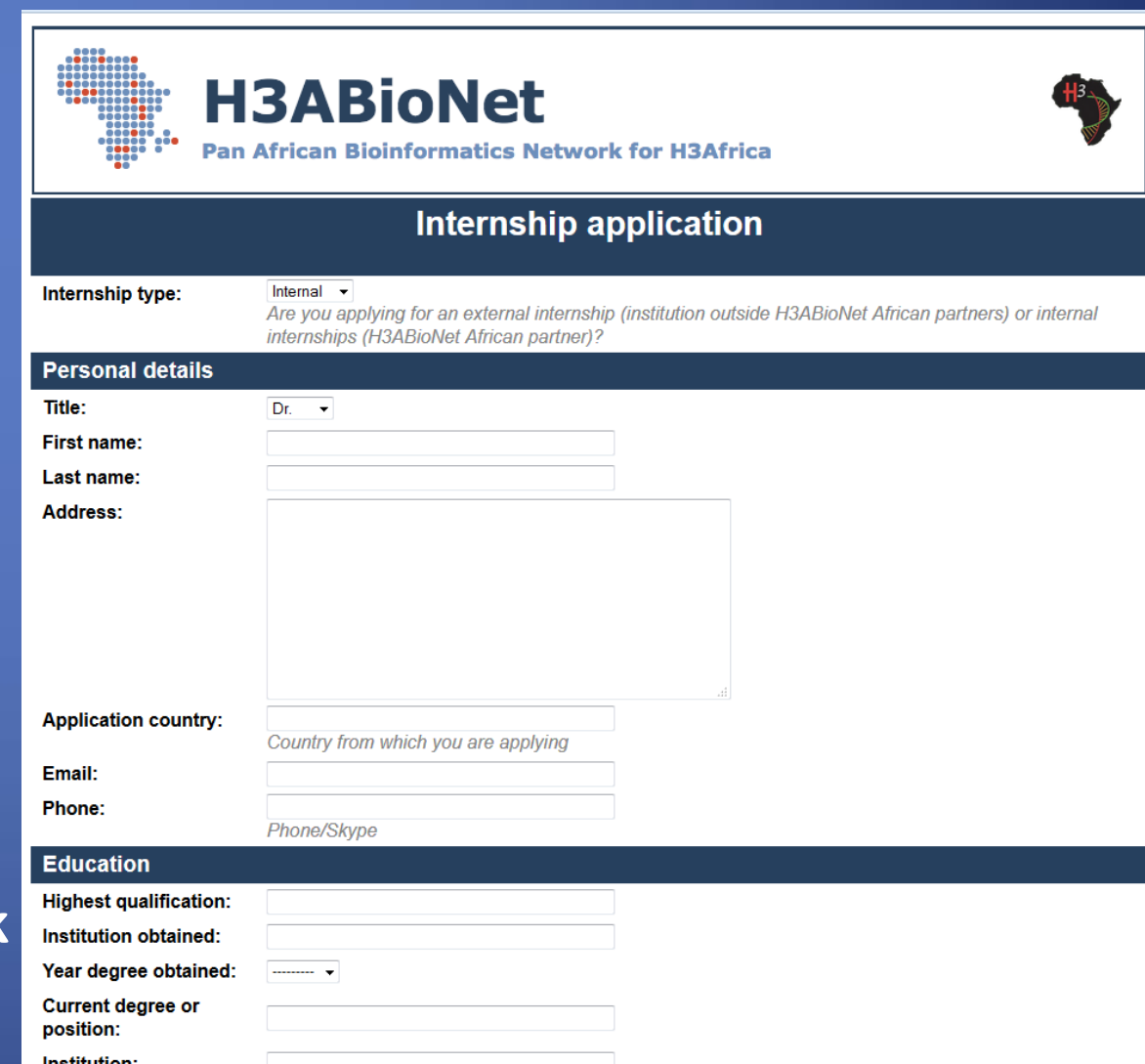
[Congratulations to Prof Mulder as one of only six African scientists who made 'The world's most influential scientific minds 2014' list](#)

[H3ABioNet features in ASBCB](#)

[H3ABioNet Joins the Global Alliance](#)

H3ABioNet Helpdesk
Contact Us

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



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:

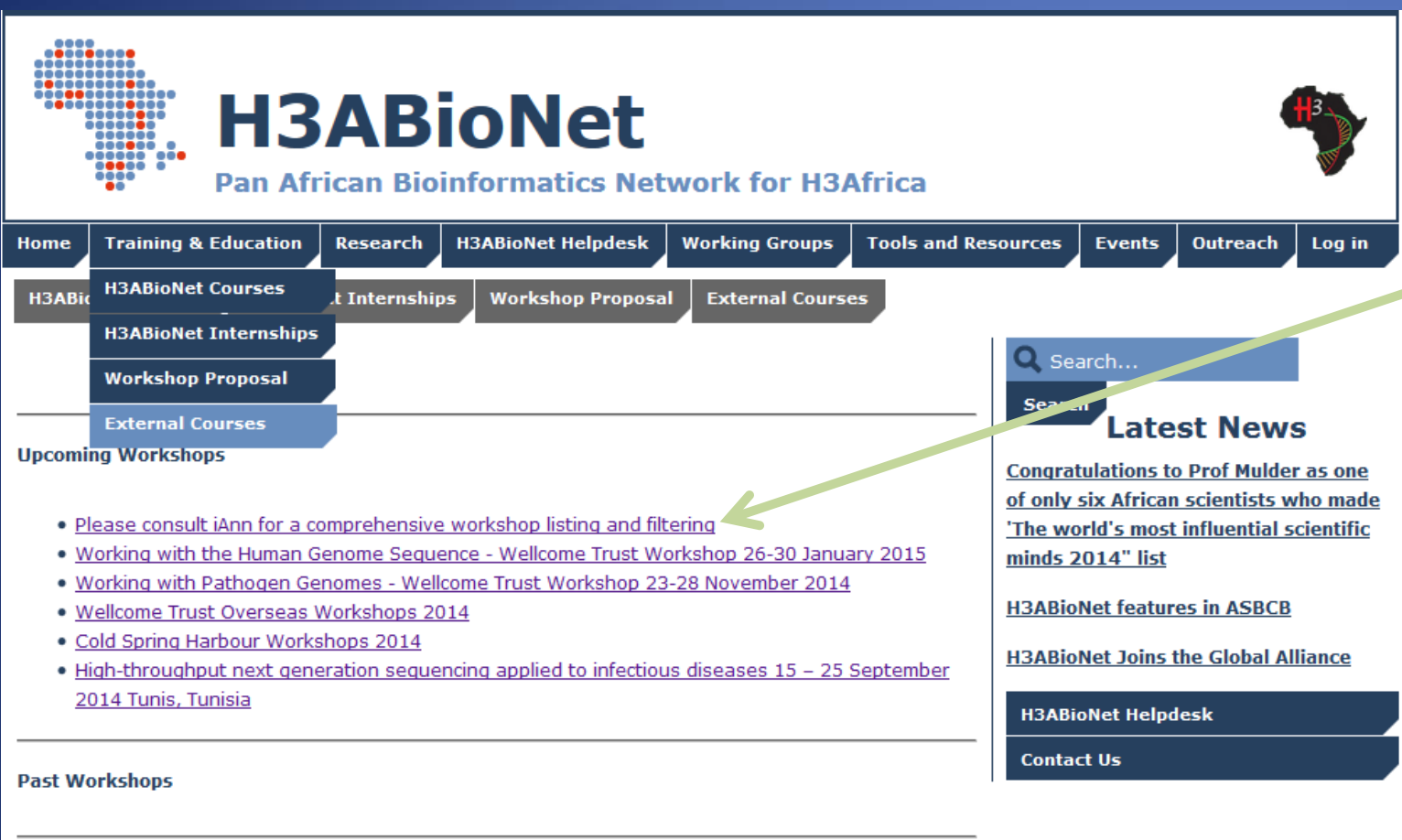
Current degree or position:

Institution:

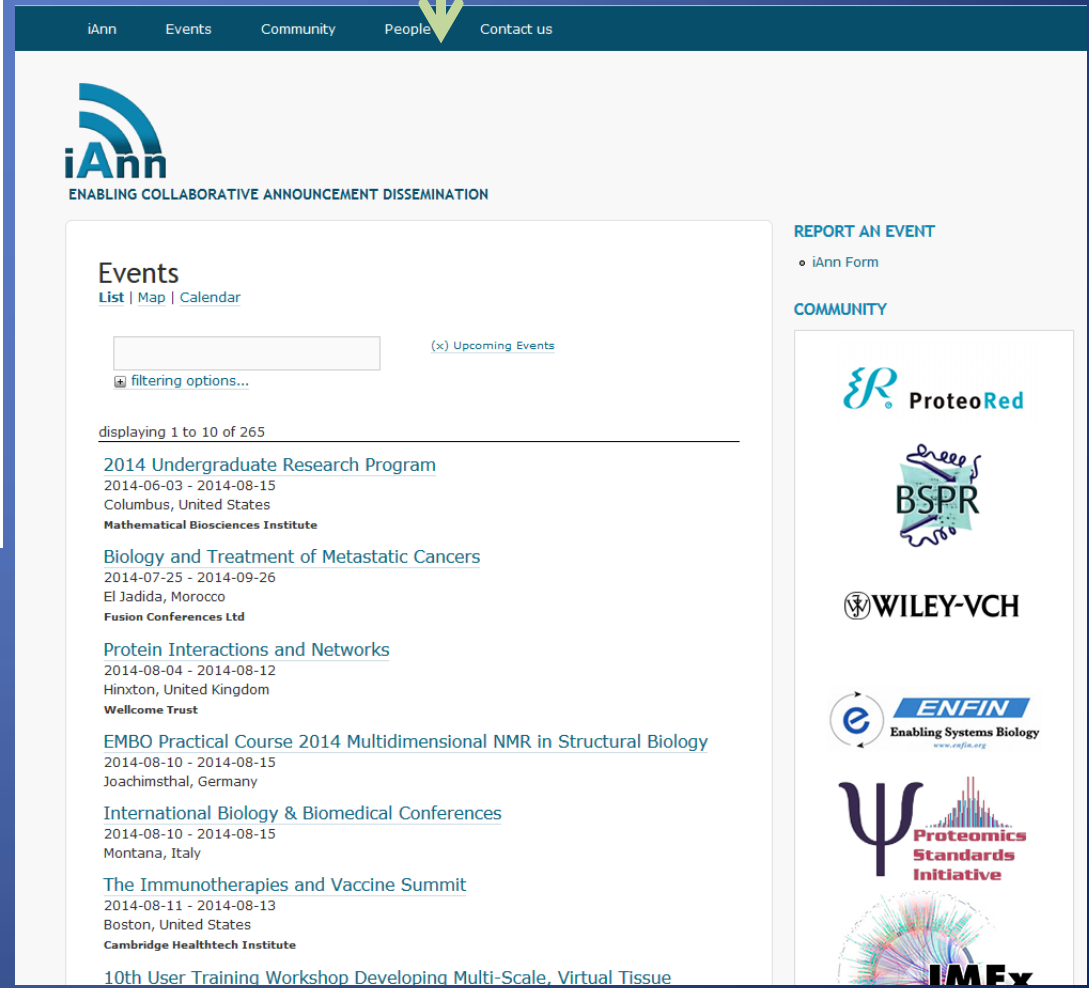
Does H3ABioNet provide a listing of non H3ABioNet workshops?

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>)



The screenshot shows the H3ABioNet website header with the logo and tagline "Pan African Bioinformatics Network for H3Africa". A navigation menu includes "Home", "Training & Education", "Research", "H3ABioNet Helpdesk", "Working Groups", "Tools and Resources", "Events", "Outreach", and "Log in". Under "Training & Education", there are sub-menus for "H3ABioNet Courses", "H3ABioNet Internships", "Workshop Proposal", and "External Courses". The "External Courses" sub-menu is expanded to show "Upcoming Workshops" and "Past Workshops". The "Upcoming Workshops" section lists several events, with a green arrow pointing to the first item: "Please consult iAnn for a comprehensive workshop listing and filtering".

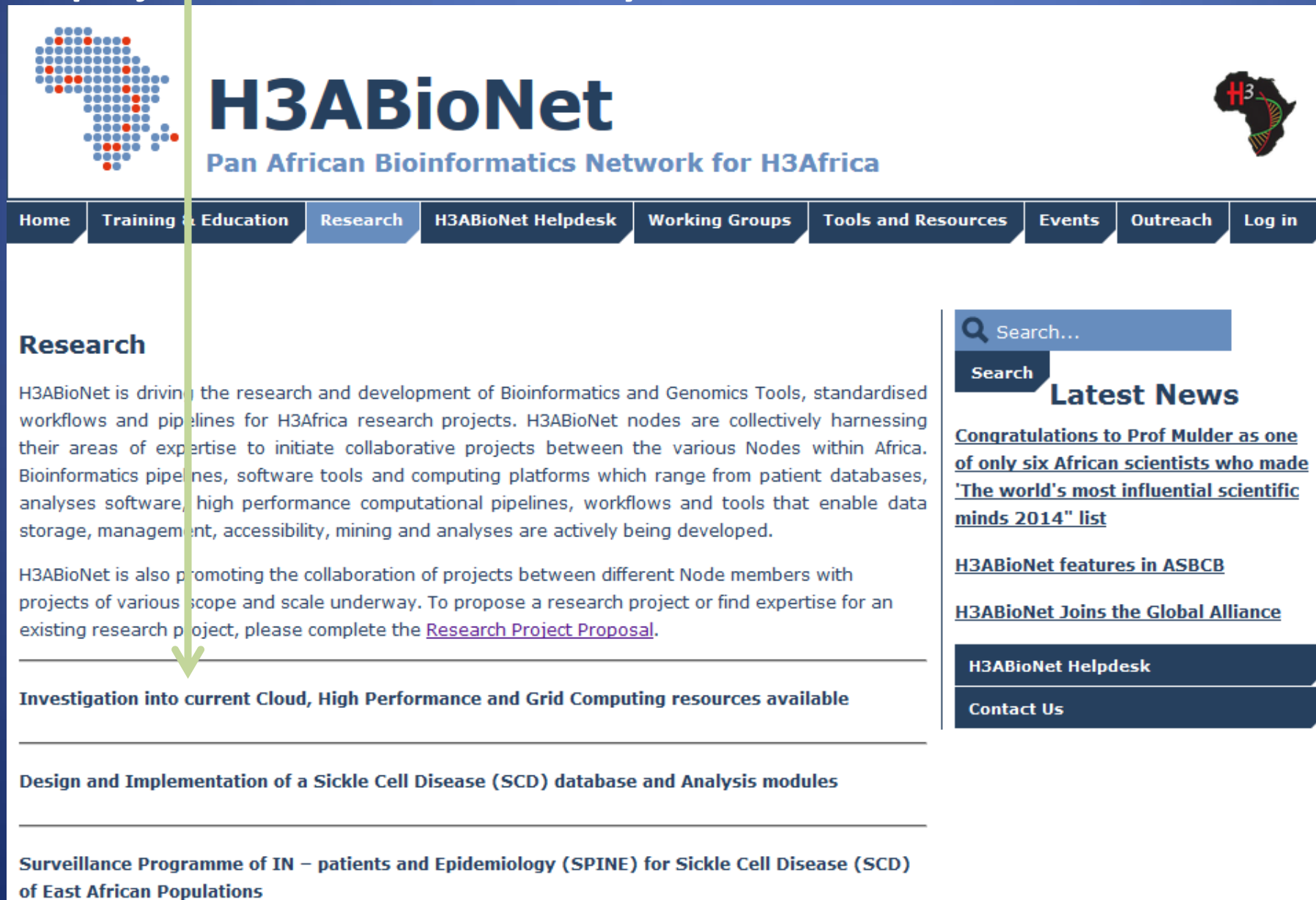


The screenshot shows the iAnn website interface. The top navigation bar includes "iAnn", "Events", "Community", "People", and "Contact us". The main content area is titled "Events" and includes a search bar, a filter for "(x) Upcoming Events", and a list of events. A green arrow from the text above points to the "iAnn" link in the top navigation bar. The event list includes:

- 2014 Undergraduate Research Program (2014-06-03 - 2014-08-15, Columbus, United States, Mathematical Biosciences Institute)
- Biology and Treatment of Metastatic Cancers (2014-07-25 - 2014-09-26, El Jadida, Morocco, Fusion Conferences Ltd)
- Protein Interactions and Networks (2014-08-04 - 2014-08-12, Hinxton, United Kingdom, Wellcome Trust)
- EMBO Practical Course 2014 Multidimensional NMR in Structural Biology (2014-08-10 - 2014-08-15, Joachimsthal, Germany)
- International Biology & Biomedical Conferences (2014-08-10 - 2014-08-15, Montana, Italy)
- The Immunotherapies and Vaccine Summit (2014-08-11 - 2014-08-13, Boston, United States, Cambridge Healthtech Institute)
- 10th User Training Workshop Developing Multi-Scale, Virtual Tissue

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

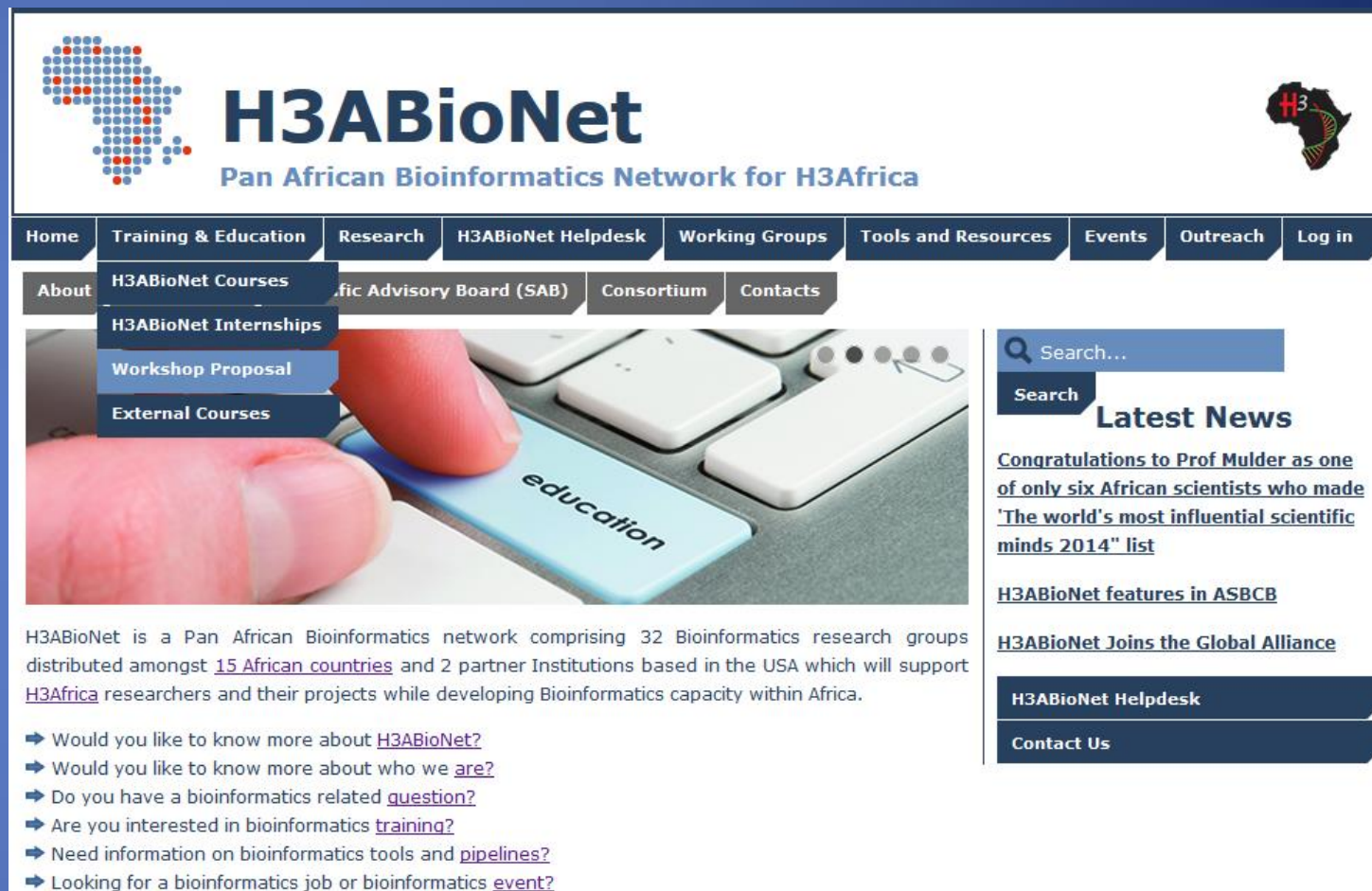


The screenshot shows the H3ABioNet website interface. At the top left is the H3ABioNet logo, a stylized map of Africa composed of blue and red dots. To its right is the text "H3ABioNet" in a large, bold, dark blue font, with "Pan African Bioinformatics Network for H3Africa" in a smaller font below it. In the top right corner, there is a small icon of the African continent with a red "H3" and a green DNA double helix. Below the header is a dark blue navigation bar with white text for the following tabs: Home, Training & Education, Research (highlighted with a green arrow), H3ABioNet Helpdesk, Working Groups, Tools and Resources, Events, Outreach, and Log in. The main content area is white. On the left, under the "Research" heading, there is a paragraph of text describing the network's focus on developing bioinformatics tools and collaborative projects. Below this text are three project titles, each underlined: "Investigation into current Cloud, High Performance and Grid Computing resources available", "Design and Implementation of a Sickle Cell Disease (SCD) database and Analysis modules", and "Surveillance Programme of IN – patients and Epidemiology (SPINE) for Sickle Cell Disease (SCD) of East African Populations". On the right side of the page, there is a search bar with a magnifying glass icon and the text "Search...". Below the search bar is a dark blue button labeled "Search". Underneath the search bar is a section titled "Latest News" in bold. It contains three news items, each with a blue underline: "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", and "H3ABioNet Joins the Global Alliance". At the bottom right of the page, there are two dark blue buttons with white text: "H3ABioNet Helpdesk" and "Contact Us".

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>)



The screenshot shows the H3ABioNet website interface. The main navigation bar includes: Home, Training & Education, Research, H3ABioNet Helpdesk, Working Groups, Tools and Resources, Events, Outreach, and Log in. The 'Training & Education' dropdown menu is open, showing options: H3ABioNet Courses, African Advisory Board (SAB), Consortium, Contacts, Workshop Proposal (highlighted), H3ABioNet Internships, and External Courses. Below the navigation is a search bar and a 'Latest News' section with a link to 'Congratulations to Prof Mulder as one of only six African scientists who made "The world's most influential scientific minds 2014" list'. At the bottom of the page, there are links for 'H3ABioNet Helpdesk' and 'Contact Us'.



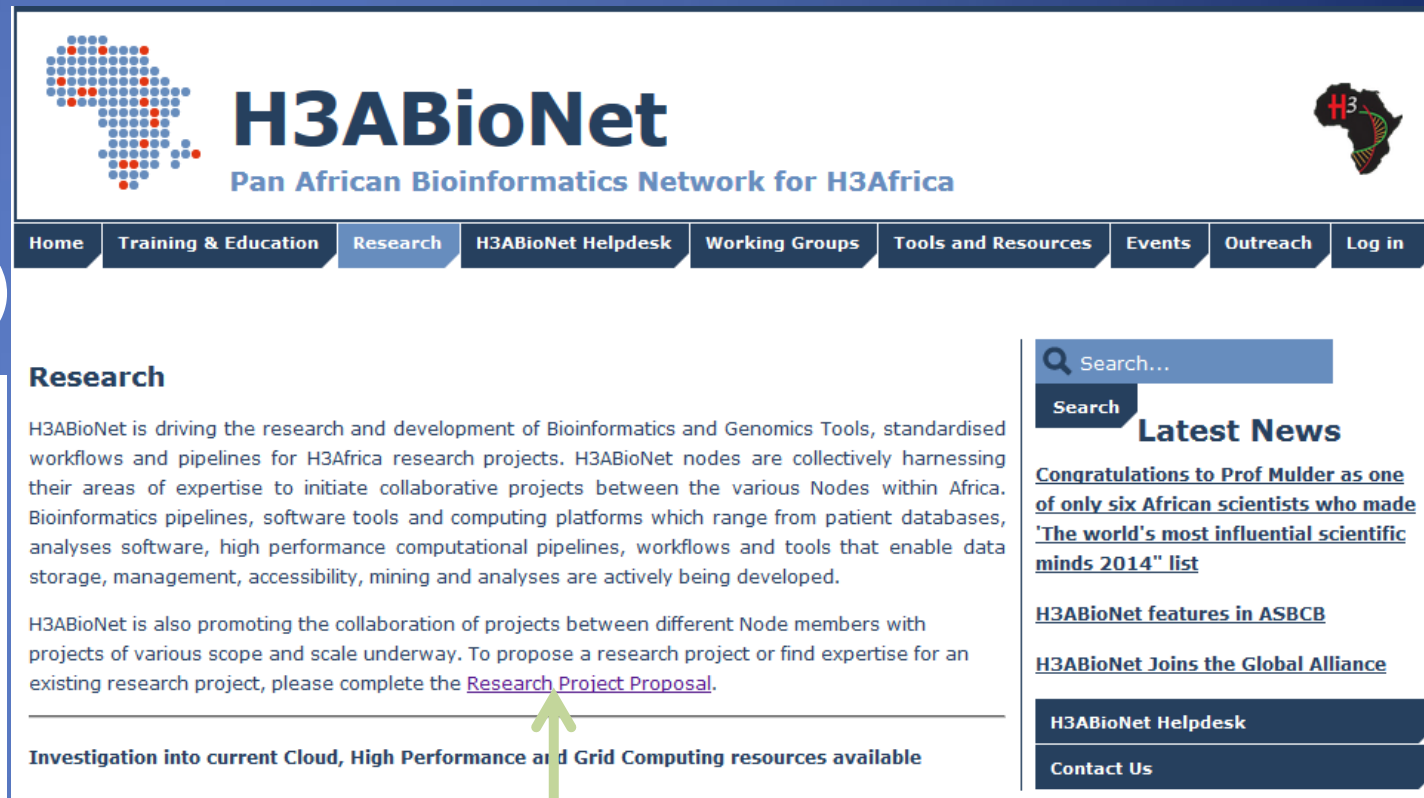
The screenshot shows the 'Application to host H3ABioNet workshop' form. It is divided into two main sections: 'Node / PI details' and 'Workshop content'.
 The 'Node / PI details' section includes fields for: Title (with a dropdown menu set to 'Dr.'), First name, Last name, Email, and Node name.
 The 'Workshop content' section includes: Workshop title, Workshop theme, a large text area for 'Longer description of the workshop', Workshop topics (with a note 'Describe what topics will be covered'), and Workshop objectives.

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

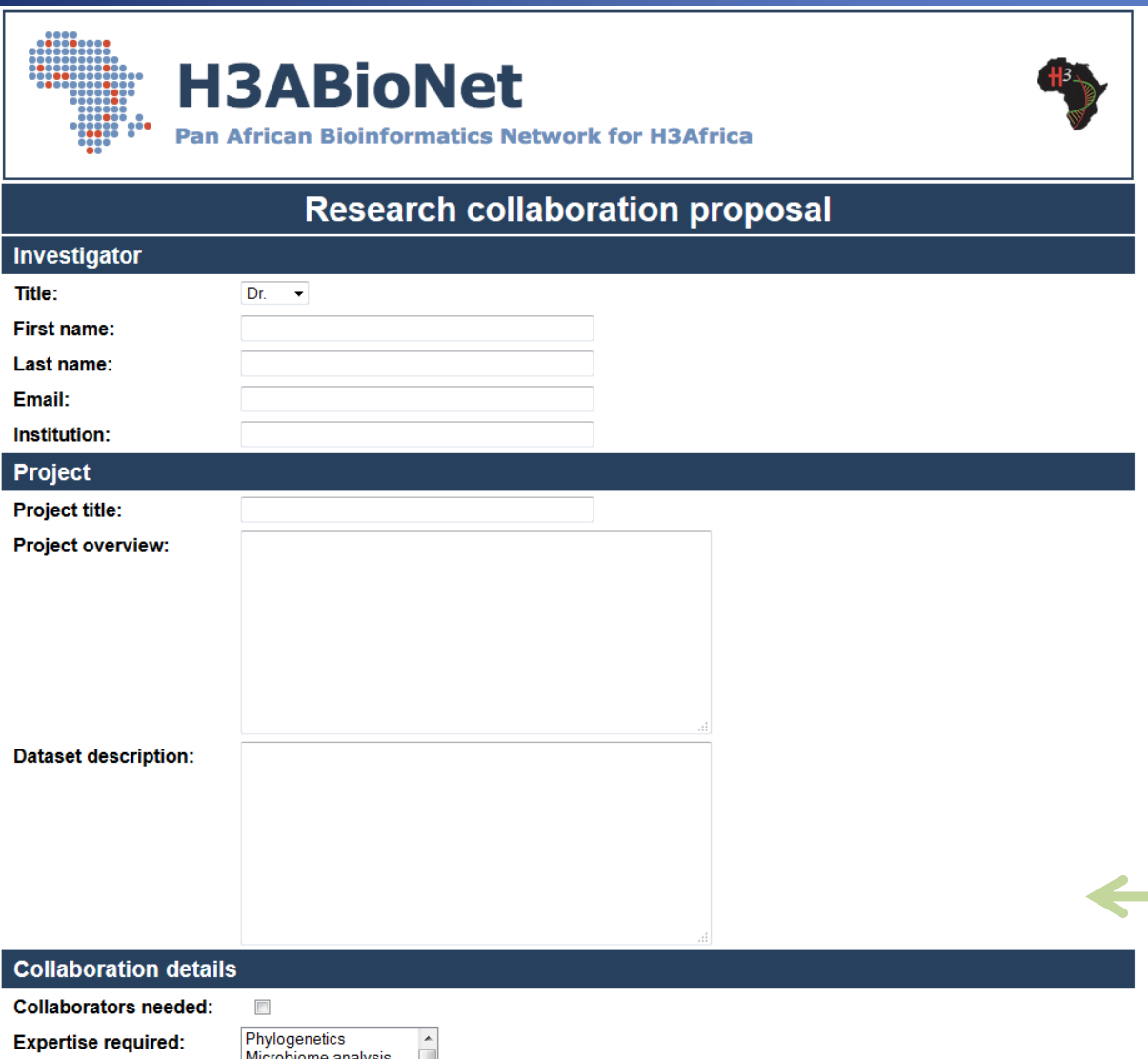
Can I propose a collaborative research project?

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>)



The screenshot shows the H3ABioNet website interface. At the top, there is a navigation menu with tabs for Home, Training & Education, Research, H3ABioNet Helpdesk, Working Groups, Tools and Resources, Events, Outreach, and Log in. The 'Research' tab is selected. Below the navigation, the 'Research' section is displayed, containing text about H3ABioNet's mission and a link to the 'Research Project Proposal' form. A green arrow points from the text '2. Click on the link to propose a research project...' to this link. On the right side of the page, there is a search bar and a 'Latest News' section with several news items.



The screenshot shows the 'Research collaboration proposal' web form. It is divided into several sections: 'Investigator', 'Project', and 'Collaboration details'. The 'Investigator' section includes fields for Title (with a dropdown menu), First name, Last name, Email, and Institution. The 'Project' section includes a Project title field and a large text area for Project overview. The 'Collaboration details' section includes a checkbox for 'Collaborators needed' and a dropdown menu for 'Expertise required' with options like 'Phylogenetics' and 'Microbiome analysis'.

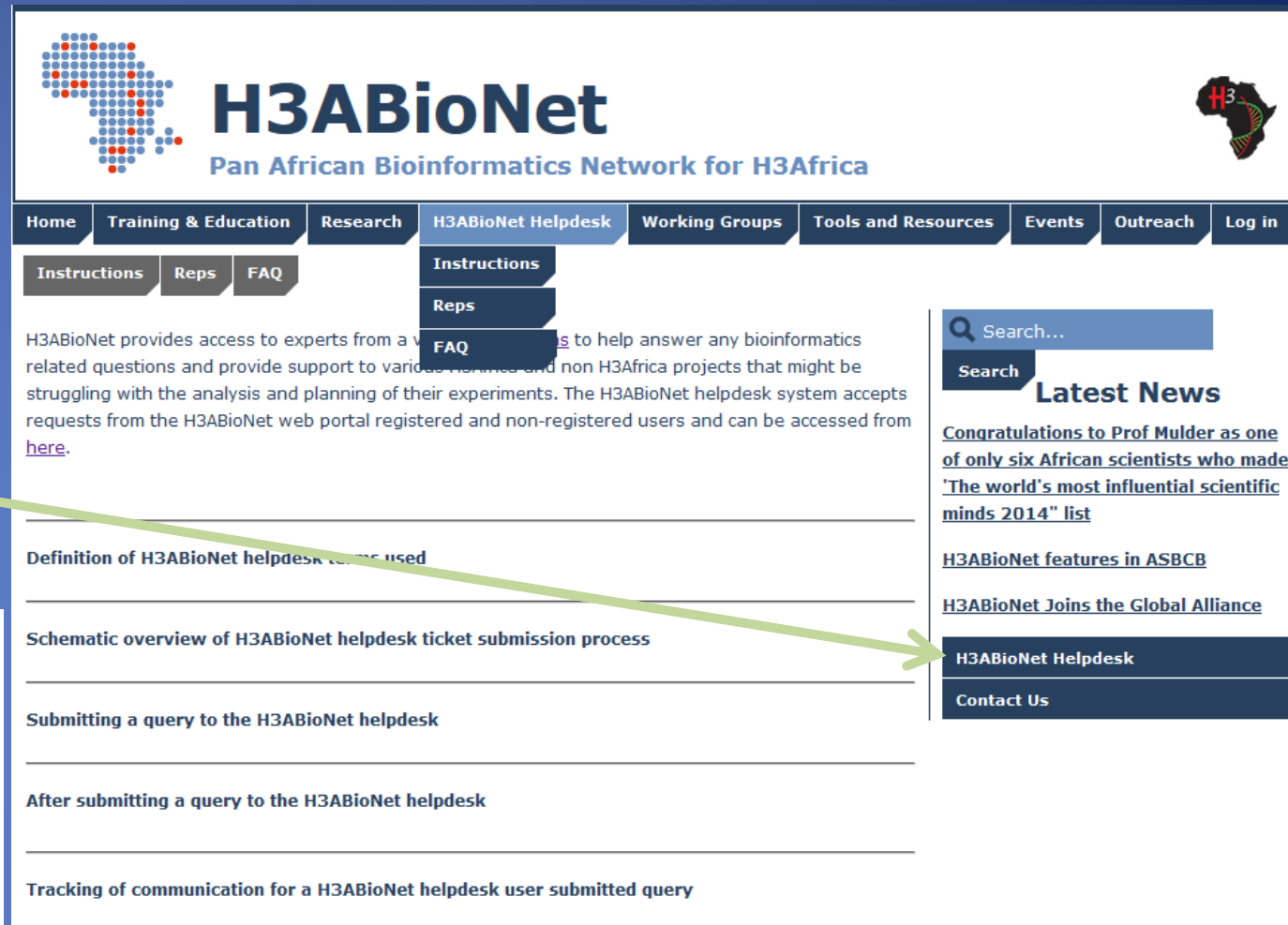
2. Click on the link to propose a research project, complete the web form and submit.

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 screenshot shows the H3ABioNet website with the following navigation elements:

- Home
- Training & Education
- Research
- H3ABioNet Helpdesk** (highlighted)
- Working Groups
- Tools and Resources
- Events
- Outreach
- Log in

Below the navigation bar, there are sub-menus for 'Instructions', 'Reps', and 'FAQ'. The main content area includes a search bar, 'Latest News' section with articles like 'Congratulations to Prof Mulder as one of only six African scientists who made "The world's most influential scientific minds 2014" list', and a list of helpdesk topics: 'Definition of H3ABioNet helpdesk terms used', 'Schematic overview of H3ABioNet helpdesk ticket submission process', 'Submitting a query to the H3ABioNet helpdesk', 'After submitting a query to the H3ABioNet helpdesk', and 'Tracking of communication for a H3ABioNet helpdesk user submitted query'. A side menu on the right contains 'H3ABioNet Helpdesk' and 'Contact Us'.

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



The screenshot shows the 'New Ticket' form with the following sections:

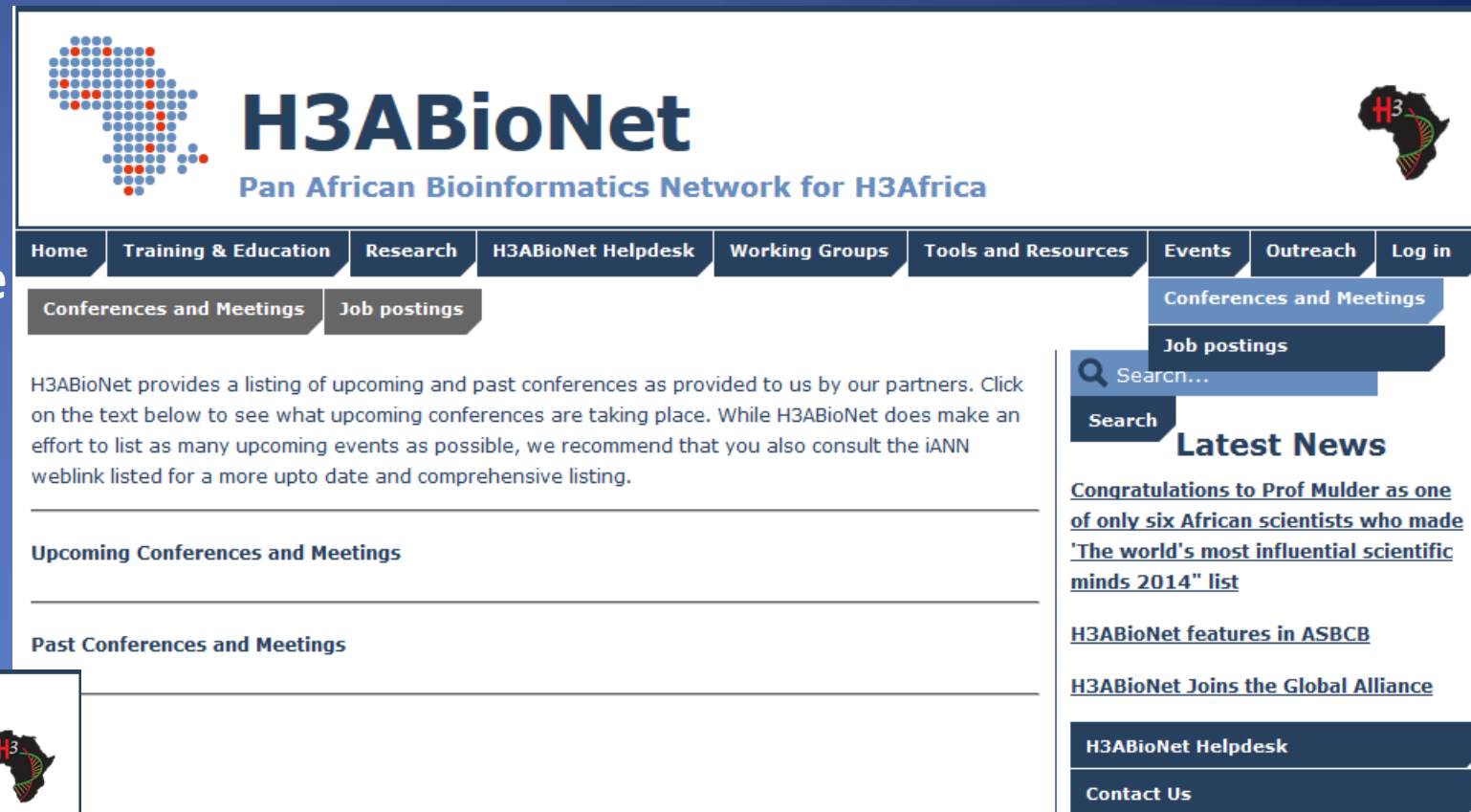
- Contact Information:** User Name, E-Mail, Department (dropdown), Location, Phone.
- Classification:** Category (dropdown), Status (dropdown), Priority (dropdown), Assigned To (dropdown), Time Spent (dropdown).
- Buttons:** Submit, Print, Close, Refresh, Home.
- Footer:** Ticket Information, Title.

The 'Category' dropdown menu is open, showing the following options:

- Select Category
- Analysis - Genotyping arrays
- Analysis - NGS data
- Analysis - Other
- Biostatistics
- Data Management (storage, etc)
- General Project Administration
- NetCapDB
- Netmap installation
- Other
- Software Development / Programming
- Software license request
- Technical / System Administration
- Website / Mailing List

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>



The screenshot shows the H3ABioNet website interface. At the top, there is a navigation menu with tabs for Home, Training & Education, Research, H3ABioNet Helpdesk, Working Groups, Tools and Resources, Events, Outreach, and Log in. Below this, there are sub-tabs for Conferences and Meetings and Job postings. The main content area displays a message: "H3ABioNet provides a listing of upcoming and past conferences as provided to us by our partners. Click on the text below to see what upcoming conferences are taking place. While H3ABioNet does make an effort to list as many upcoming events as possible, we recommend that you also consult the iANN weblink listed for a more upto date and comprehensive listing." Below this message, there are sections for "Upcoming Conferences and Meetings" and "Past Conferences and Meetings". On the right side, there is a search bar and a "Latest News" section with headlines such as "Congratulations to Prof Mulder as one of only six African scientists who made 'The world's most influential scientific minds 2014' list" and "H3ABioNet features in ASBCB".

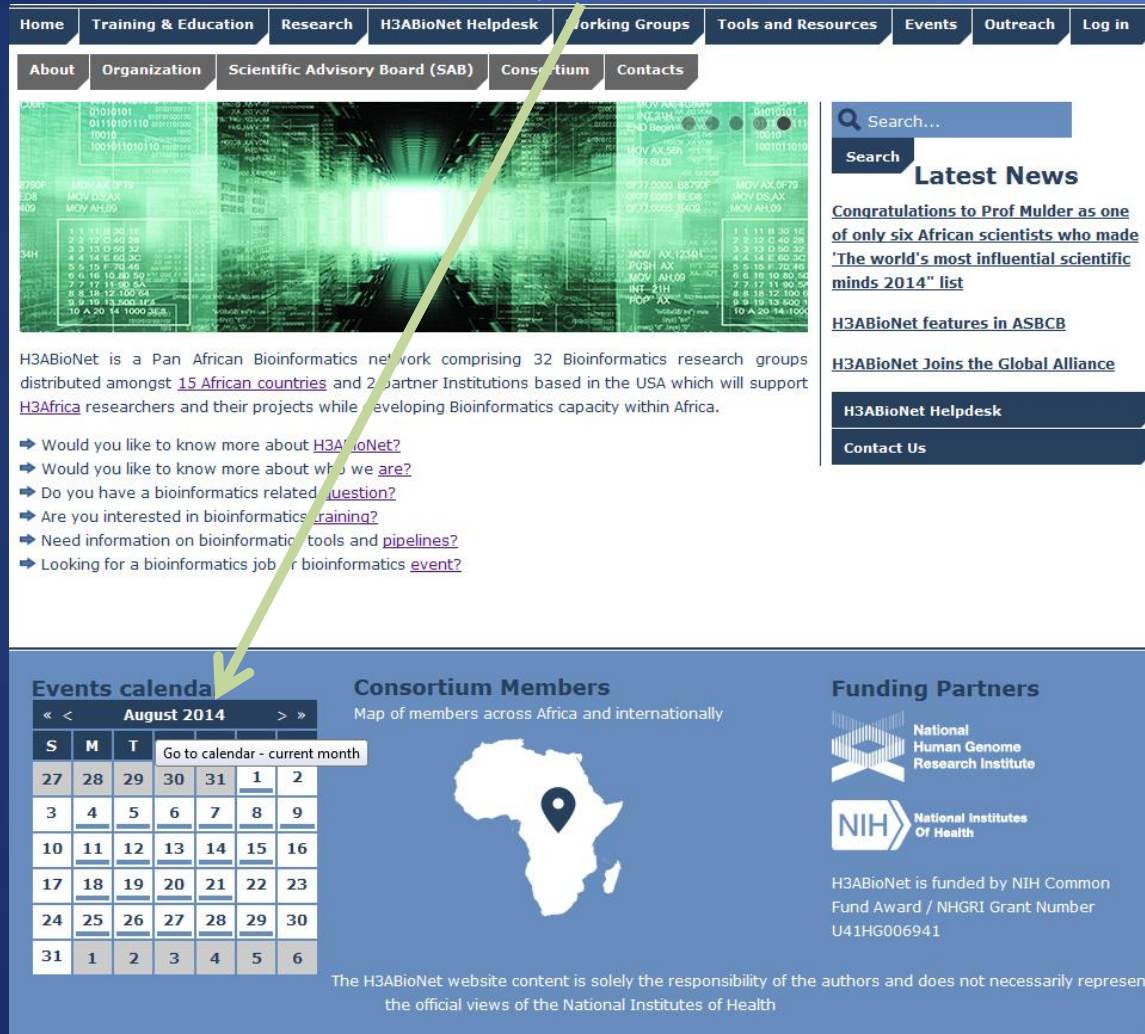
H3ABioNet places any calls it receives for job openings, postdoctoral or postgraduate studies / programmes from its partners. This is accessible via the “Events’ tab under the “Job postings” tab: (<http://www.h3abionet.org/events/job-postings>)



The screenshot shows the H3ABioNet website interface with the Job Postings tab selected. The main content area displays a message: "For a variety of opportunities in bioinformatics both in academia and industry, please click on the link below to obtain a listing of calls for applications that are sent to H3ABioNet." Below this message, there is a section for "Job Postings" with a list of job openings, including: "Internship call for Schneider lab", "MSc Programme in Bioinformatics & Computational Molecular Biology, 2015 - Research Unit in Bioinformatics (RUBi)", "Bioinformatics Service Platform Manager - CSIR", "Postdoctoral Fellowship in Systems Immunology", "Computational Biology & Bioinformatics Expert: Scientific Support and Training", "AIMS-South Africa Postdoctoral Fellowships - 2014", "BSP Bioinformatics Manager", "Bioinformatician (Professor / Associate Professor / Senior Lecturer) University of Stellenbosch", "ILRI Vacancy - Bioinformatics Research Group Leader", "A Marie Curie position for a Post-Doctorate Researcher at Málaga, Spain", "PhD in Genomics, Bioinformatics and Epidemiology II - University of Kwazulu-Natal", "PhD in Genomics, Bioinformatics and Epidemiology I - University of Kwazulu-Natal", "PhD and/or MSc in Social Sciences - University of Kwazulu-Natal", "PhD and/or MSc in Human Genetics - University of Kwazulu-Natal", "MSc/PhD in sardine genomics/bioinformatics", "Research Fellow in Statistics (based in Kilifi, Kenya)", "Clinical Epidemiologist (based in Kilifi, Kenya)", "Senior Bioinformatics Scientist - Kapa Biosystems", "POST-DOCTORAL FELLOWSHIP POSITION FOR 2014 - GENOMIC AND ENVIRONMENTAL RISK FACTORS FOR CARDIOMETABOLIC DISEASE IN AFRICANS", "Joint Research Chair - African Institute for Mathematical Sciences - Next Einstein Initiative (AIMS-NEI)", "Faculty positions in Bioinformatics/Computational Biology in the Crick at LRI", "Career Opportunities for Academics Seeking Global Relevance - Covenant University 2013", "Postdoctoral Fellowship in Bioinformatics - Rhodes University 2013", and "Personalized Medicine Research Fellowship". On the right side, there is a search bar and a "Latest News" section with headlines such as "Congratulations to Prof Mulder as one of only six African scientists who made 'The world's most influential scientific minds 2014' list" and "H3ABioNet features in ASBCB".

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:



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

About Organization Scientific Advisory Board (SAB) Consortium Contacts

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 is a Pan African Bioinformatics network comprising 32 Bioinformatics research groups distributed amongst 15 African countries and 2 partner Institutions based in the USA which will support H3Africa researchers and their projects while developing Bioinformatics capacity within Africa.

- Would you like to know more about [H3ABioNet?](#)
- Would you like to know more about who we [are?](#)
- Do you have a bioinformatics related [question?](#)
- Are you interested in bioinformatics [training?](#)
- Need information on bioinformatics tools and [pipelines?](#)
- Looking for a bioinformatics job or bioinformatics [event?](#)

Events calendar August 2014

Consortium Members Map of members across Africa and internationally

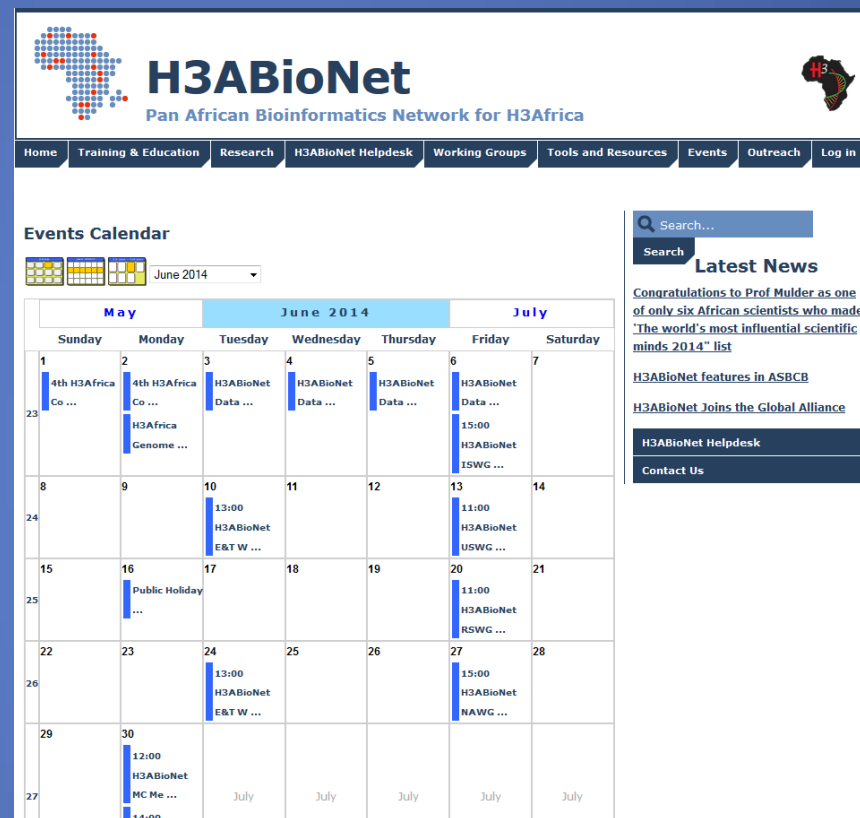
Funding Partners

National Human Genome Research Institute

National Institutes Of Health

H3ABioNet is funded by NIH Common Fund Award / NHGRI Grant Number U41HG006941

The H3ABioNet website content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health



H3ABioNet Pan African Bioinformatics Network for H3Africa

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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

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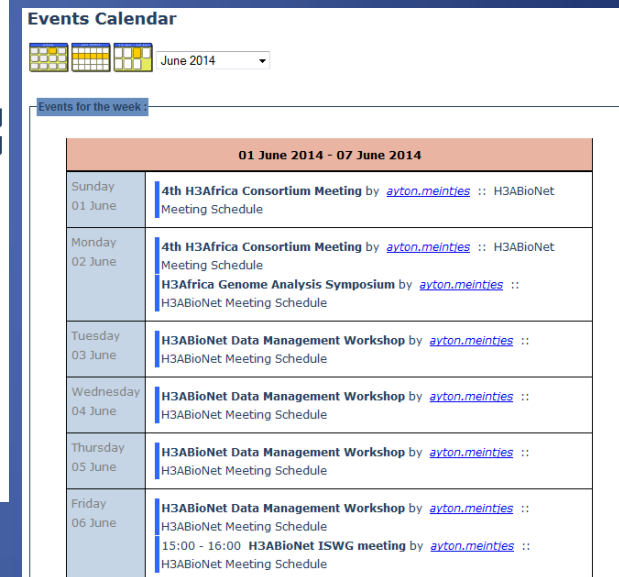
H3ABioNet Helpdesk

Contact Us

Events Calendar

June 2014

May		June 2014					July
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
1 4th H3Africa Co ...	2 4th H3Africa Co ...	3 H3ABioNet Data ...	4 H3ABioNet Data ...	5 H3ABioNet Data ...	6 H3ABioNet Data ...	7	
8	9	10 13:00 H3ABioNet E&T W ...	11	12	13 11:00 H3ABioNet USWG ...	14	
15	16 Public Holiday ...	17	18	19	20 11:00 H3ABioNet RSWG ...	21	
22	23	24 13:00 H3ABioNet E&T W ...	25	26	27 15:00 H3ABioNet NAWG ...	28	
29	30 12:00 H3ABioNet MC Me ...	July	July	July	July	July	

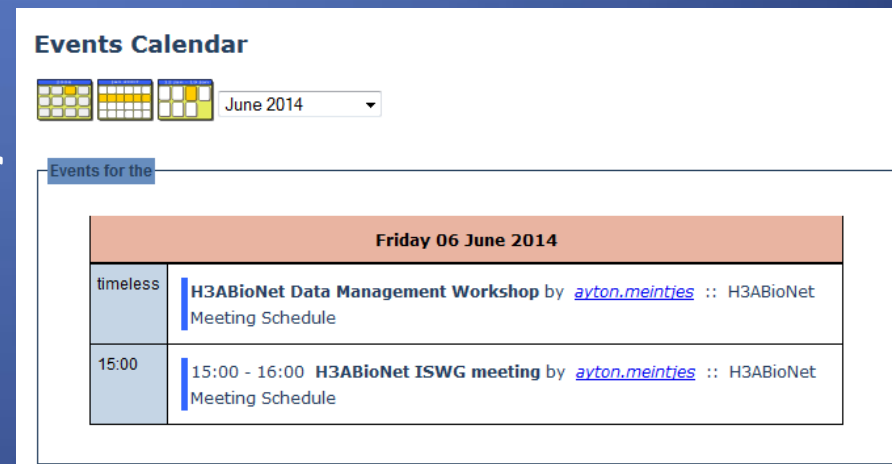


Events Calendar

June 2014

Events for the week: 01 June 2014 - 07 June 2014

Day	Event
Sunday 01 June	4th H3Africa Consortium Meeting by ayton.meinties :: H3ABioNet Meeting Schedule
Monday 02 June	4th H3Africa Consortium Meeting by ayton.meinties :: H3ABioNet Meeting Schedule H3Africa Genome Analysis Symposium by ayton.meinties :: H3ABioNet Meeting Schedule
Tuesday 03 June	H3ABioNet Data Management Workshop by ayton.meinties :: H3ABioNet Meeting Schedule
Wednesday 04 June	H3ABioNet Data Management Workshop by ayton.meinties :: H3ABioNet Meeting Schedule
Thursday 05 June	H3ABioNet Data Management Workshop by ayton.meinties :: H3ABioNet Meeting Schedule
Friday 06 June	H3ABioNet Data Management Workshop by ayton.meinties :: H3ABioNet Meeting Schedule 15:00 - 16:00 H3ABioNet ISWG meeting by ayton.meinties :: H3ABioNet Meeting Schedule



Events Calendar

June 2014

Events for the week: Friday 06 June 2014

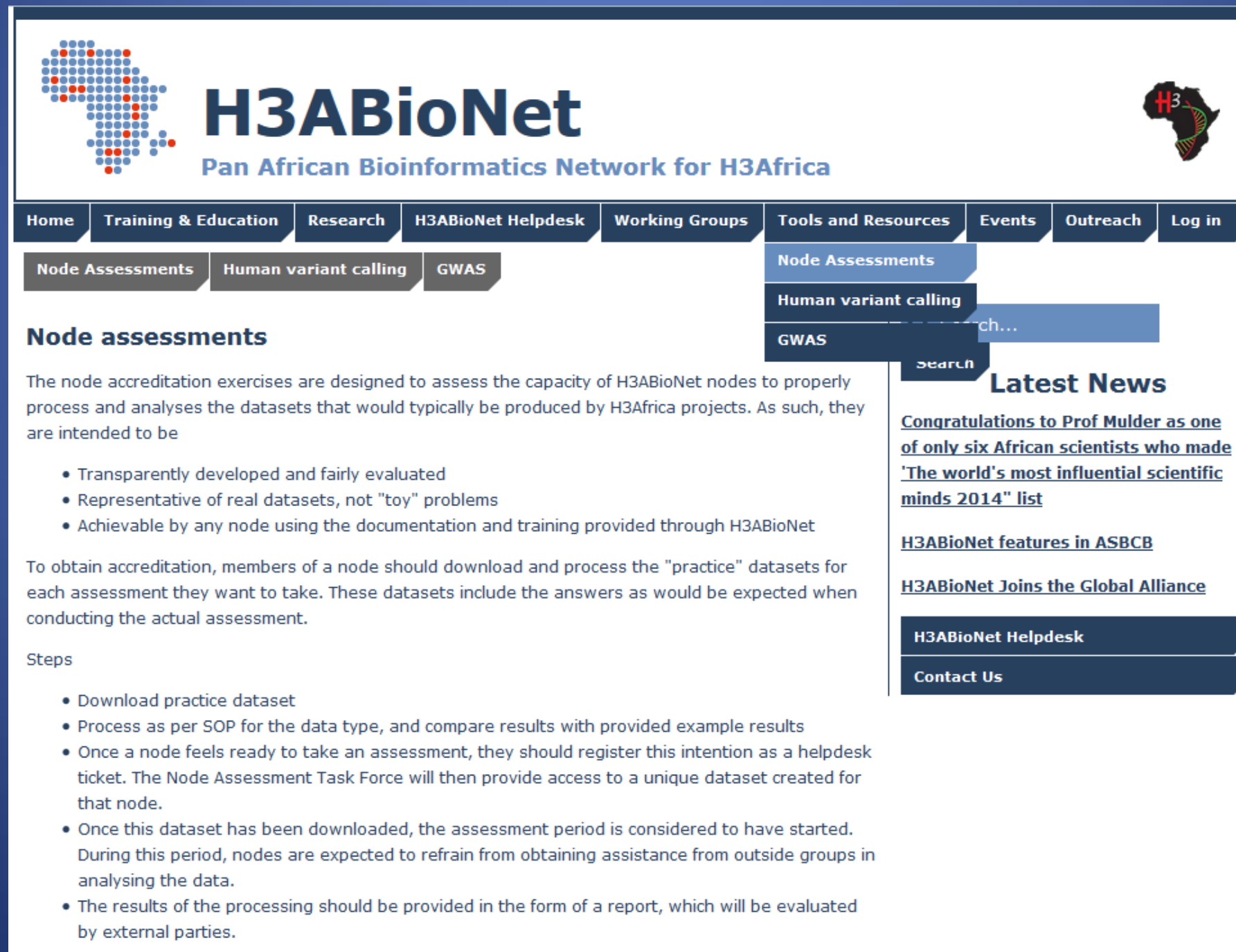
Time	Event
timeless	H3ABioNet Data Management Workshop by ayton.meinties :: H3ABioNet Meeting Schedule
15:00	15:00 - 16:00 H3ABioNet ISWG meeting by ayton.meinties :: H3ABioNet Meeting Schedule

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



The screenshot shows the H3ABioNet website interface. At the top, the H3ABioNet logo and tagline 'Pan African Bioinformatics Network for H3Africa' are displayed. A navigation menu includes 'Home', 'Training & Education', 'Research', 'H3ABioNet Helpdesk', 'Working Groups', 'Tools and Resources', 'Events', 'Outreach', and 'Log in'. Under 'Tools and Resources', a sub-menu is open, showing 'Node Assessments', 'Human variant calling', and 'GWAS'. The 'Node Assessments' page is active, featuring a heading, a paragraph about accreditation exercises, a bulleted list of characteristics, a paragraph about obtaining accreditation, and a 'Steps' section with a list of instructions. On the right side, there is a 'Latest News' section with three news items and a search bar.

H3ABioNet
Pan African Bioinformatics Network for H3Africa

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

Node Assessments Human variant calling GWAS

Node assessments

The node accreditation exercises are designed to assess the capacity of H3ABioNet nodes to properly process and analyses the datasets that would typically be produced by H3Africa projects. As such, they are intended to be

- Transparently developed and fairly evaluated
- Representative of real datasets, not "toy" problems
- Achievable by any node using the documentation and training provided through H3ABioNet

To obtain accreditation, members of a node should download and process the "practice" datasets for each assessment they want to take. These datasets include the answers as would be expected when conducting the actual assessment.

Steps

- Download practice dataset
- Process as per SOP for the data type, and compare results with provided example results
- Once a node feels ready to take an assessment, they should register this intention as a helpdesk ticket. The Node Assessment Task Force will then provide access to a unique dataset created for that node.
- Once this dataset has been downloaded, the assessment period is considered to have started. During this period, nodes are expected to refrain from obtaining assistance from outside groups in analysing the data.
- The results of the processing should be provided in the form of a report, which will be evaluated by external parties.

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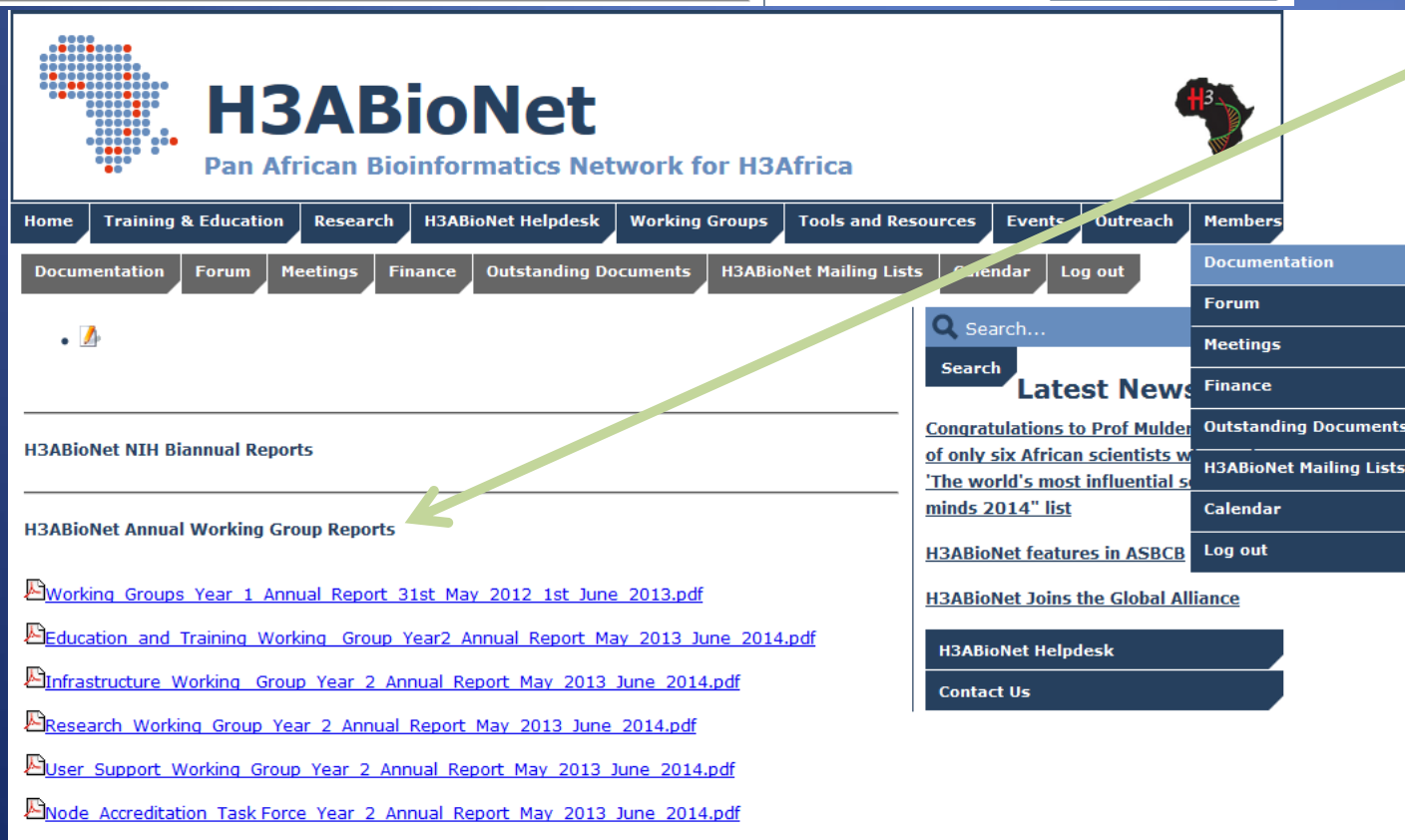
Where can I access H3ABioNet documents such as workshop reports, templates, policies developed?

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



The screenshot shows the H3ABioNet website header with the logo and tagline 'Pan African Bioinformatics Network for H3Africa'. Below the header is a navigation menu with tabs for Home, Training & Education, Research, H3ABioNet Helpdesk, Working Groups, Tools and Resources, Events, Outreach, and Members. The 'Members' tab is highlighted, and a dropdown menu is open, showing options for Documentation, Forum, Meetings, Finance, Outstanding Documents, H3ABioNet Mailing Lists, Calendar, and Log out. A green arrow points from the 'Members' tab to the 'Documentation' option in the dropdown menu.

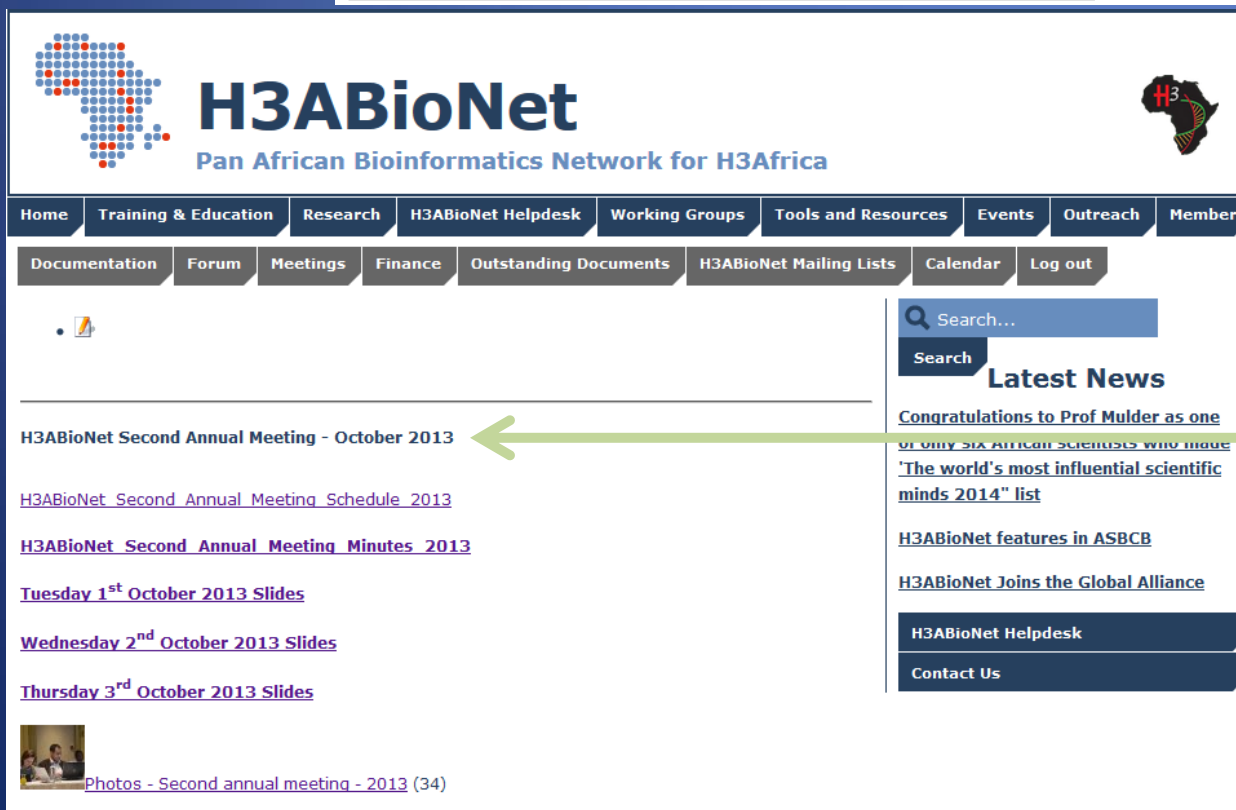
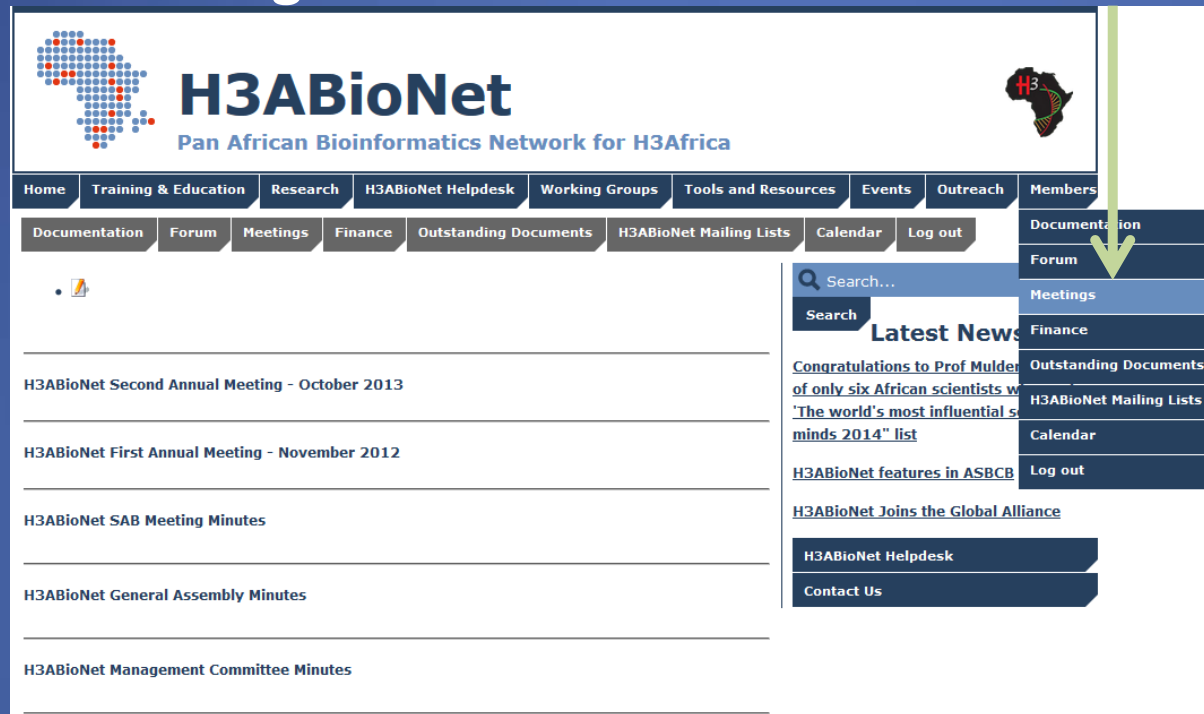
To obtain any documents that one is interested in from any of the categories, hover above it and click to expand the section and access the relevant documentation



The screenshot shows the H3ABioNet website with the 'Documentation' section expanded under the 'Members' tab. The expanded menu shows options for Documentation, Forum, Meetings, Finance, Outstanding Documents, H3ABioNet Mailing Lists, Calendar, and Log out. A green arrow points from the 'Documentation' option in the expanded menu to the 'H3ABioNet Annual Working Group Reports' link in the main content area. Below this link, a list of PDF documents is displayed, including 'Working Groups Year 1 Annual Report 31st May 2012 -1st June 2013.pdf', 'Education and Training Working Group Year2 Annual Report May 2013 June 2014.pdf', 'Infrastructure Working Group Year 2 Annual Report May 2013 June 2014.pdf', 'Research Working Group Year 2 Annual Report May 2013 June 2014.pdf', 'User Support Working Group Year 2 Annual Report May 2013 June 2014.pdf', and 'Node Accreditation Task Force Year 2 Annual Report May 2013 June 2014.pdf'.

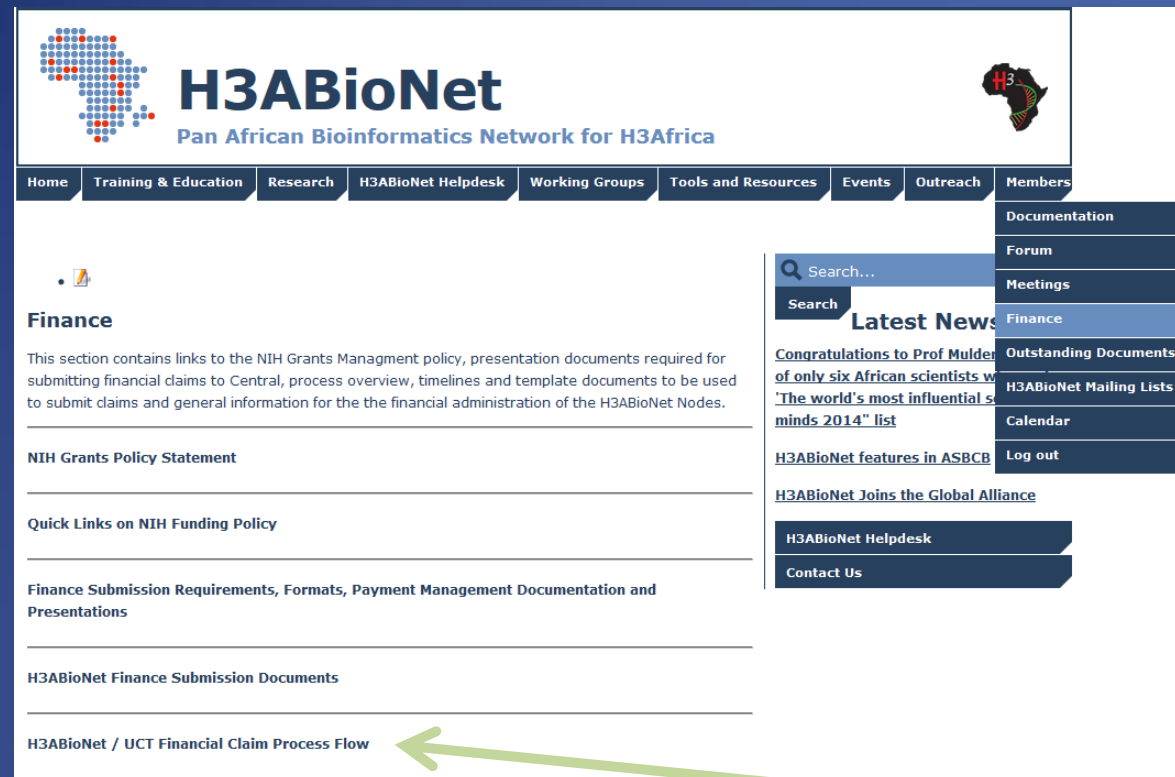
How can I access previous H3ABioNet annual meeting, MC, SAB meeting documents?

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?



The screenshot shows the H3ABioNet website with the 'Members' dropdown menu expanded. The 'Finance' option is highlighted. The main content area shows the 'Finance' section with various links and a search bar.

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



The screenshot shows the H3ABioNet website with the 'Finance' section expanded. A flowchart is visible at the bottom, detailing the financial claim process flow.

```

    graph TD
      A[Stage 1 : Submit documents to finance\_submission@h3abionet.org and allow UCT / Central to assess for completeness and accept if they are no amendments, missing documents] --> B[Stage 2 : Purchase order (PO) raised by Central / Medical School and sent to UCT Medical School finance to be checked and signed off]
      A --- C[2 working days]
      B --- D[1 week]
  
```

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 been submitted. To tell what documentation is needed from your Node, login into the H3ABioNet website and under the “Members” tab, Click on “Outstanding Documents”



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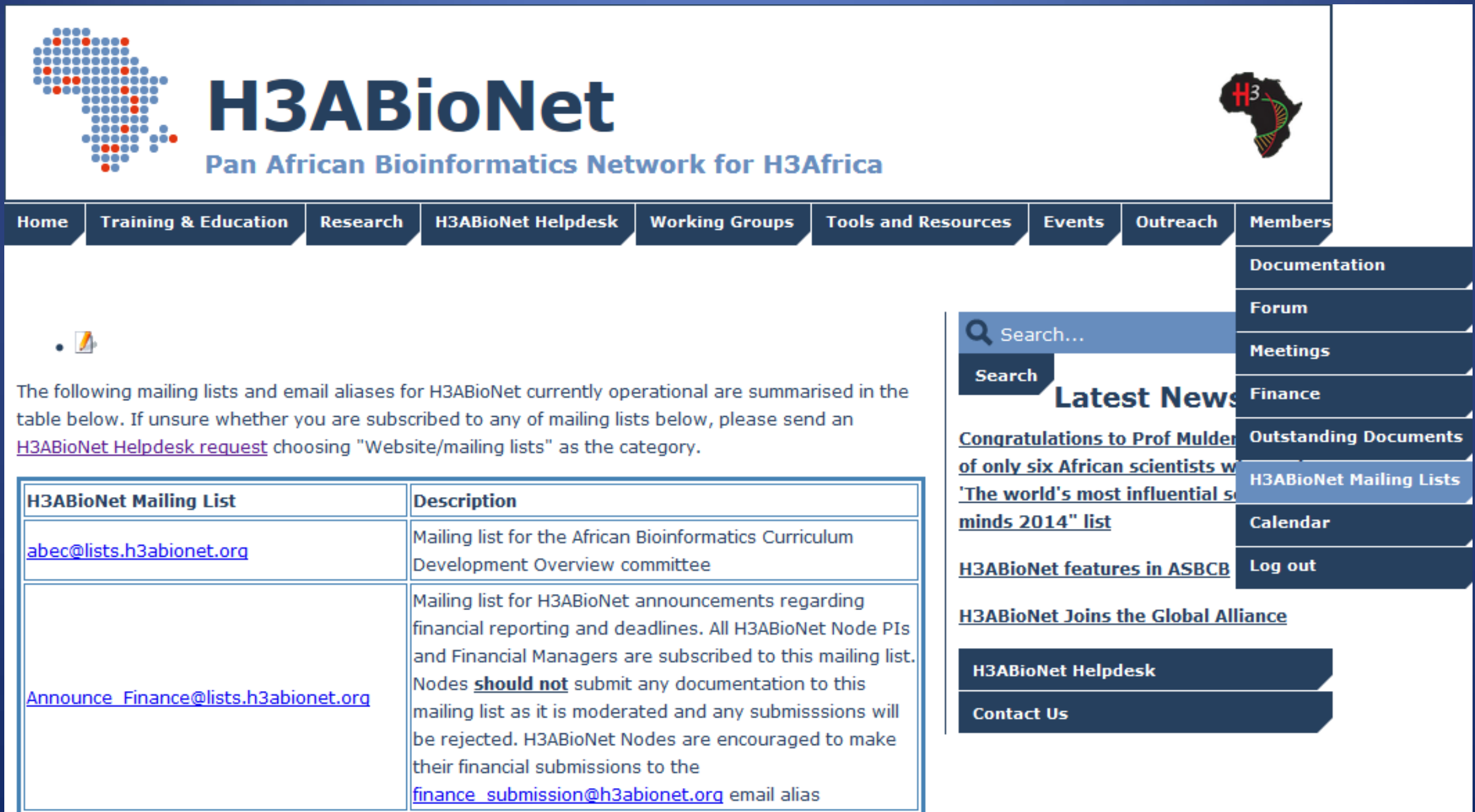
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Year 1 Document status

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



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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/mailling 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 submissions will be rejected. H3ABioNet Nodes are encouraged to make their financial submissions to the finance_submission@h3abionet.org email alias

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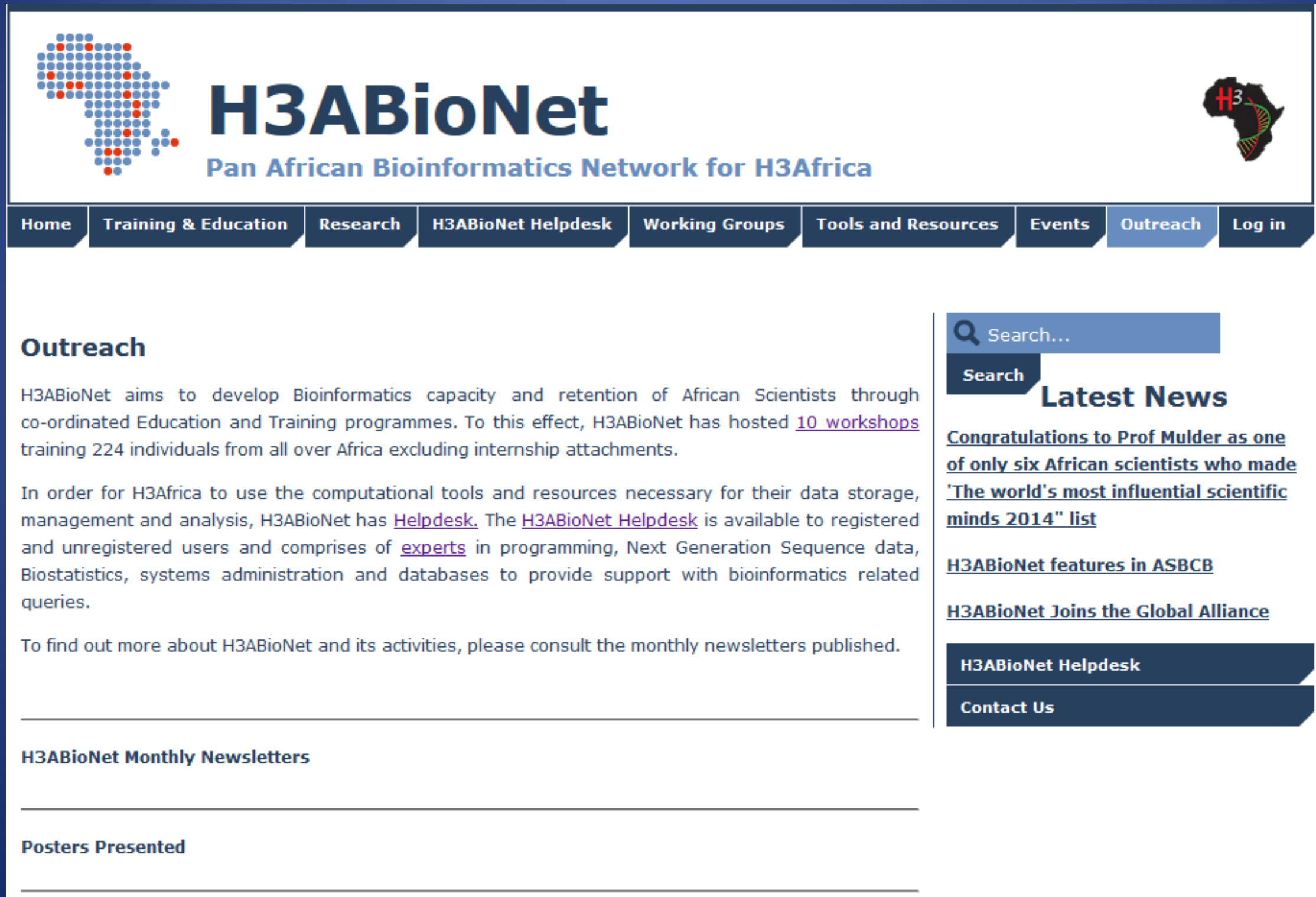
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Where can I obtain previous H3ABioNet Newsletters, marketing materials, posters?

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



The screenshot shows the H3ABioNet website's Outreach page. At the top, there is a navigation bar with links for Home, Training & Education, Research, H3ABioNet Helpdesk, Working Groups, Tools and Resources, Events, Outreach, and Log in. The main content area is titled "Outreach" and contains two paragraphs of text. The first paragraph describes the organization's goal to develop bioinformatics capacity in Africa through training, mentioning 10 workshops and 224 individuals. The second paragraph discusses the availability of computational tools and resources, mentioning a Helpdesk and various experts. Below the text are sections for "H3ABioNet Monthly Newsletters" and "Posters Presented". On the right side, there is a search bar, a "Latest News" section with three news items, and buttons for "H3ABioNet Helpdesk" and "Contact Us".

Outreach

H3ABioNet aims to develop Bioinformatics capacity and retention of African Scientists through co-ordinated Education and Training programmes. To this effect, H3ABioNet has hosted [10 workshops](#) training 224 individuals from all over Africa excluding internship attachments.

In order for H3Africa to use the computational tools and resources necessary for their data storage, management and analysis, H3ABioNet has [Helpdesk](#). The [H3ABioNet Helpdesk](#) is available to registered and unregistered users and comprises of [experts](#) in programming, Next Generation Sequence data, Biostatistics, systems administration and databases to provide support with bioinformatics related queries.

To find out more about H3ABioNet and its activities, please consult the monthly newsletters published.

H3ABioNet Monthly Newsletters

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