



GOBLET

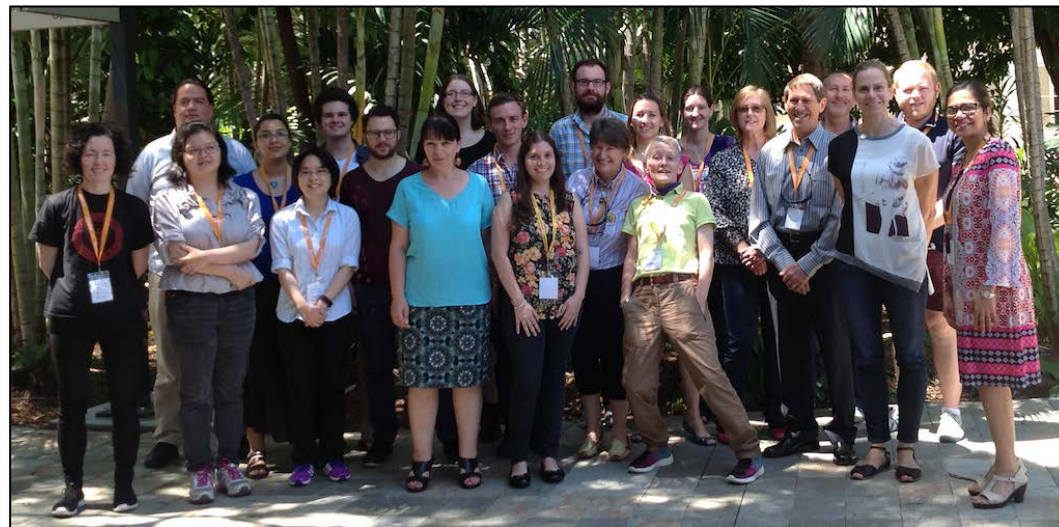
6th AGM

Oeiras, 22-24 November, 2017

Executive report



- **On behalf of the Executive Board**
 - Terri, Michelle, Celia, Annette
 - brief review of actions & outcomes from last AGM
 - accomplishments since then



Actions from 2016 AGM



- **Executive Board**

- Find a better way to work with GOBLET committees to get activities completed ✓
- Determine process for hiring & paying technical intern ✓
- Set up shared Google Docs for committees (restrict access: members/non-members) ✓
- Communicate with Pedro re 2017 AGM (send work-back sheet) ✓
- Circulate to all GOBLET members our new vision & mission ✓
- Submit paper to *BioRxiv*; submit correspondence to *Nature* ✓
- Enable co-development of branded materials in GitHub, or similar, with guidelines or templates for material creation . . .
- Set co-branding guidelines for when a course/workshop/training session would be GOBLET co-branded (or use GOBLET logo) . . .
- Update statement of benefits for members with ‘Sales Pitch’ content . . .
- Set up general AGM-like Skype meeting once a year

Outcomes from 2016 AGM



- **Elections**

- *Executive Board*

- Terri Attwood (re-elected Chair; Michelle Brazas (re-elected Secretary); Celia van Gelder (Treasurer); Annette McGrath (Ordinary member)

- *Fund-raising*

- Bruno Gaeta

- *Outreach & PR*

- Ann Meyer

- *Technical* *

- Carlos Horro

- *Standards* *

- Vicky Schneider

- *LET* *

- Pedro Fernandes

Outcomes from 2016 AGM



- New vision & mission
 - **Vision:** to unite, inspire and equip bioinformatics trainers worldwide
 - **Mission:** to cultivate the global bioinformatics trainer community, set standards & provide high-quality resources to support learning, education & training
- Objectives towards the new vision & mission
 - make the portal a *pull mechanism* & a repository
 - develop branded materials
 - offer training for trainers/teachers & end users
 - continue developing training standards
 - provide a variety of training resources
 - raise funds to be able to meet our objectives
 - offer a network/community forum
 - further consider mechanisms for trainer recognition

Accomplishments

Publications



- Pre-prints/‘white papers’
 - *Defining a lingua franca for the ELIXIR/GOBLET e-learning ecosystem*
 - preprint archived on Zenodo
 - <https://doi.org/10.5281/zenodo.166378>
 - *A global perspective on bioinformatics training needs*
 - preprint archived on BioRxiv
 - <https://doi.org/10.1101/098996>

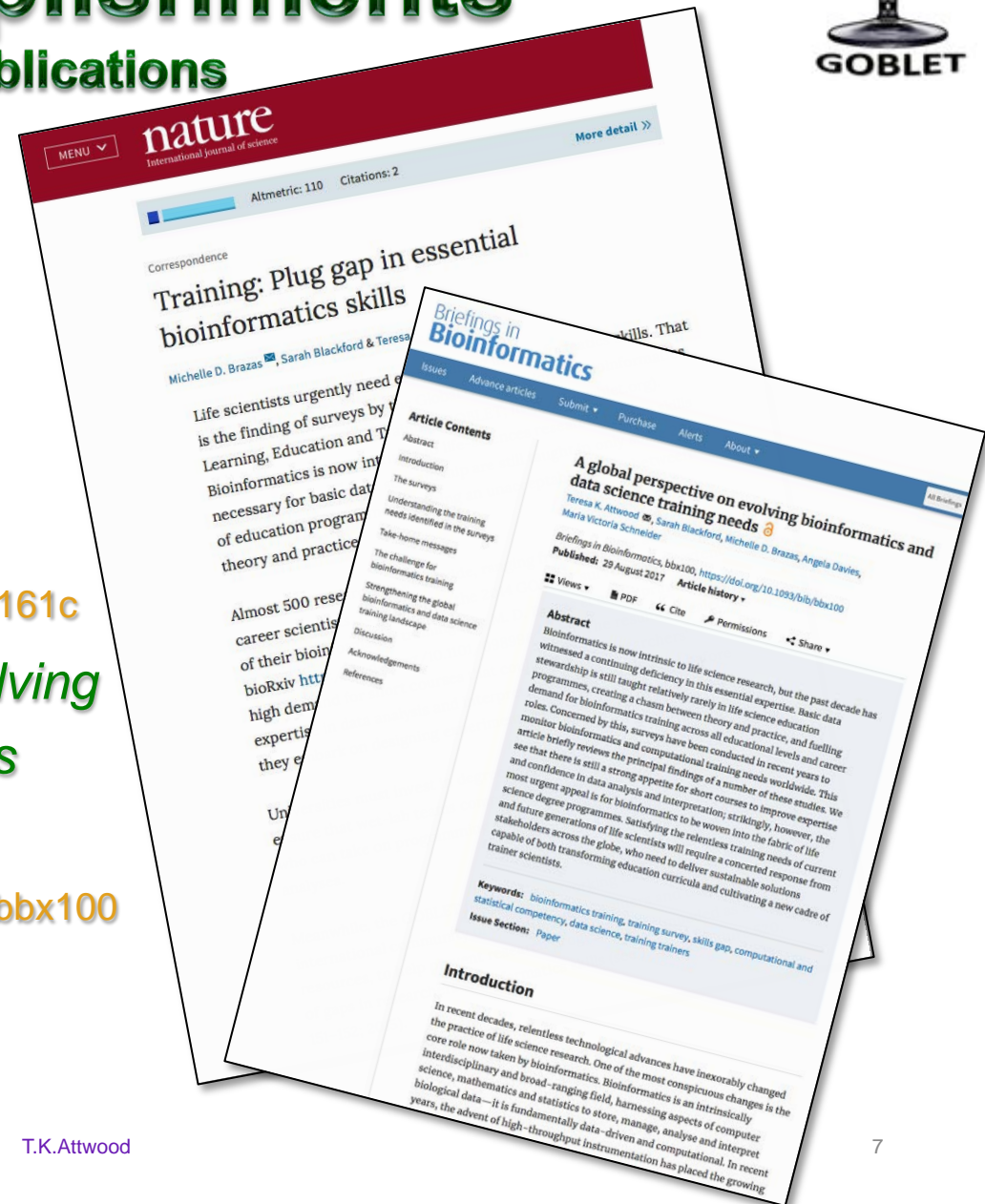


Accomplishments

Publications



- Papers/correspondence
 - *Plug gap in essential bioinformatics skills*
 - published as a *Nature* correspondence piece
 - <https://doi.org/10.1038/544161c>
 - *A global perspective on evolving bioinformatics training needs*
 - published in *Briefings*
 - <https://doi.org/10.1093/bib/bbx100>



Accomplishments

Publications



- Papers/correspondence
 - BioCIDER: a Contextualisation INDEX for biological Resource discovery
 - published in *Bioinformatics*
 - <https://doi.org/10.1093/bioinformatics/btx213>

The screenshot shows the article page for 'BioCIDER: a Contextualisation INDEX for biological Resources discovery' in the journal *Bioinformatics*. The page includes the journal title, navigation links (Issues, Advance articles, Submit, Purchase, Alerts, About), and a sidebar with 'Article Contents' (Abstract, Introduction, Materials and methods, Conclusions, Acknowledgements, References, Comments). The main content area features the article title, authors (Carlos Horro, Martin Cook, Teresa K. Attwood, Michelle D. Brazas, John M. Hancock, Patricia Palagi, Manuel Corpas, Rafael Jimenez), publication details (Volume 33, Issue 16, 15 August 2017), and a DOI link. The abstract section includes a summary, availability and implementation details, and contact information. The introduction section begins with a paragraph about life-science resources.

Bioinformatics

Issues Advance articles Submit Purchase Alerts About

BioCIDER: a Contextualisation INDEX for biological Resources discovery

Carlos Horro, Martin Cook, Teresa K. Attwood, Michelle D. Brazas, John M. Hancock, Patricia Palagi, Manuel Corpas, Rafael Jimenez

Bioinformatics, Volume 33, Issue 16, 15 August 2017, Pages 2607–2608.
<https://doi.org/10.1093/bioinformatics/btx213>
Published: 12 April 2017 Article history

Views PDF Cite Permissions Share

Abstract

Summary

The vast, uncoordinated proliferation of bioinformatics resources (databases, software tools, training materials etc.) makes it difficult for users to find them. To facilitate their discovery, various services are being developed to collect such resources into registries. We have developed BioCIDER, which, rather like online shopping 'recommendations', provides a contextualization index to help identify biological resources relevant to the content of the sites in which it is embedded.

Availability and Implementation

BioCIDER (www.biocider.org) is an open-source platform. Documentation is available online (<https://goo.gl/Klc51G>), and source code is freely available via GitHub (<https://github.com/BioCIDER>). The BioJS widget that enables websites to embed contextualization is available from the BioJS registry (<http://biojs.io/>). All code is released under an MIT licence.

Contact

carlos.horro@earlham.ac.uk or rafael.jimenez@elixir-europe.org or manuel@repositive.io

Issue Section: DATABASES AND ONTOLOGIES

1 Introduction

Life-science resources (i.e. databases, tools, training materials, courses and event information) are many, diverse, widely dispersed and hard to find. The 2016 Nucleic Acids Research (NAR) Database Issue (Ridgen *et al.*, 2016) reported 1685 major databases in the molecular biology domain, while the latest NAR Web Server Issue (Editorial: Nucleic Acids Research annual Web Server Issue in 2016, 2016) presented 94 new resources for 2016 alone. It is thus difficult for

Accomplishments Posters



- Biocuration 2017, March, Stanford
 - Standards Committee poster
 - presented by Robin Haw
 - archived in F1000Research
 - <https://doi.org/10.7490/f1000research.1113789.1>

The screenshot shows the F1000Research website interface. The main content area displays a poster titled "GOBLET Standards Committee: best practices and standards in bioinformatics and biocuration". The poster includes a list of authors: Maria Victoria Schmitt, Teresa R. Almeida, Manuel Cordeiro, Mike Chalkley, Saravanan Rajagani, Priscilla Gusdei, Aditi Kulkarni, Sushil Morgan, Patricia M. Peleg and Catherine Raulo. It also lists the presenter, Robin Haw, and the OCER project. The poster content is partially visible, showing sections for "Data-driven science", "Peer review", "Get involved", "BEST practices", and "Standards Committee Members". To the right of the poster, there are options to "Export PDF", "Download Full PDF" (7.16 MB), "Share", and "Cite". Below the poster, there is a section for "PART OF THE COLLECTION" featuring the "International Society of Biocuration" logo. At the bottom right, there are links for "BROWSE BY RELATED TOPICS" including "Bioinformatics", "Data Sharing", and "Science & Medical Education".

Accomplishments

Posters



- ISMB 2017, July, Prague
 - GOBLET booth
 - Standards Committee & Exec posters
 - archived in F1000Research
 - <https://doi.org/10.7490/f1000research.1114554.1>
 - <https://doi.org/10.7490/f1000research.1114553.1>

A screenshot of the F1000Research website. The page displays a poster titled "Five years of GOBLET: in vitro, in silico and in vivo bioinformatics training workshops". The poster content includes an abstract, a table of contents, and a list of speakers. The website interface includes a search bar, navigation links, and a sidebar with options like "Export PDF" and "Download Full PDF". The poster itself features a green and white color scheme with a goblet icon and various logos.

Accomplishments

Posters



- ISMB 2017, July, Prague
 - GOBLET booth
 - Galaxy/ELIXIR/GOBLET poster
 - archived in F1000Research
 - <https://doi.org/10.7490/f1000research.1114489.1>

F1000Research
Open for Science

Search [] SUBMIT YOUR RESEARCH

BROWSE SUBJECTS GATEWAYS HOW TO PUBLISH ABOUT BLOG MY RESEARCH SIGN IN

POSTER NOT PEER REVIEWED Metrics | 26 Views | 5 Downloads

VIEW FULL SCREEN

1 / 1 8.92% Sign In

Scaling Bioinformatics Training

Reusable and community extensible bioinformatics training materials, available online for trainers and individual life science researchers

A newly developed and already used Galaxy Training Infrastructure

Galaxy-based tutorials for teaching bioinformatics data analysis topics

Separation between content and format

For FAIR Galaxy training

Community driven

Export PDF

Adobe Export PDF

Convert PDF Files to Word or Excel Online

Select PDF File

f1000rese...170113.pdf

Convert to

Microsoft Word (*.docx)

Document Language: English (U.S.) Change

Store and share files in the Document Cloud Learn More

DOWNLOAD FULL PDF 3.42 MB

SHARE CITE

PART OF THE FOLLOWING:

Galaxy

BOSC Bioinformatics Open Source Conference (BOSC)

ISCB International Society for Computational Biology Community Journal

Accomplishments

Dissemination



- GOBLET in the news
 - SEB Bulletin, Spring 2017
 - 'new look' GOBLET newsletter
 - spring, summer & autumn 2017

Global Organisation for Bioinformatics Learning, Education & Training
First Quarter 2017 Newsletter

Letter from the Executive Board
Happy New Year! This first newsletter of 2017 brings a number of activity updates, including reports of a metagenomics workshop in Hinxton, and of the special education session of the NETTAB conference in Rome, both held in October. We are particularly pleased to be able to share with you the principal outcomes of the 2016 AGM, held in Brisbane in November. These include new vision and mission statements, a set of focused objectives for the year, and the newly elected officers whose task it will be to drive GOBLET's work forward.

The newsletter also highlights some new member benefits, which we hope will encourage you to get involved. We expect another busy year ahead, and look forward to working with you in preparations for a variety of workshops, conferences and publications throughout the coming months.

We appreciate that GOBLET is built on the contributions of volunteers, and we thank all those who've helped to drive the Foundation forward during its formative years. In particular, we'd like to thank the outgoing Committee Chairs and Executive Board members – Erik Bongcam-Rudloff, Manuel Corpas, Pascale Gaudel, Fran Lewitter, Nicky Mulder, Patricia Patagi, Vicky Schneider and Celia van Gelder – whose contributions have been invaluable.

Contact
Website: <http://mygoblet.org>
Email: info@mygoblet.org
Twitter: @mygobletorg
Address: GOBLET Steering Nijmegen Medical Centre Geest Groenoplein 26-28 6525 GA - Netherlands

Committees
Executive Board
Terri Attwood, Chair
Michelle Brazas, Secretary
Celia van Gelder, Treasurer
Annette McGrath, Member
info@mygoblet.org
Fundraising
Bruno Gaeta, Chair
info@mygoblet.org
Learning, Education & Training
Pedro Fernandes, Chair
info@mygoblet.org
Outreach & PR
Ann Meyer, Chair
info@mygoblet.org
Standards
Vicky Schneider, Chair
info@mygoblet.org
Technical
Carlos Horro, Chair
info@mygoblet.org

To learn more about GOBLET visit www.mygoblet.org and lend your support!

Not yet a member? Then join us!

Global Organisation for Bioinformatics Learning, Education & Training
Second Quarter 2017 Newsletter

GOBLET 2017 AGM
Oeiras, venue of the 2017 AGM

Update on Oeiras AGM & Satellite Events
The 2017 GOBLET AGM in Oeiras, Portugal will be held 22-24 November at the Instituto Gulbenkian de Ciencia. An ELIXIR/GOBLET e-learning workshop will be held 21 November and a Train-the-Trainer session will be held the afternoon of 22 November. For full schedule and to register: <http://www.mygoblet.org/about-us/goblet-events/goblet-agm-2017-oeiras>.

GOBLET at ISMB/ECCB 2017
GOBLET had a strong presence at the ISMB/ECCB conference in Prague, Czech Republic. Over the 5-day meeting, the GOBLET booth attracted many visitors interested in GOBLET's work. Four GOBLET posters presented at the meeting are published on F1000Research: Five years of GOBLET (doi: 10.7490/f1000research.1114553.1), Scalling bioinformatics trainers: A train-the-trainer instructor course (doi: 10.7490/f1000research.1114558.1), GOBLET Standards Committee: our activities and forward vision (doi: 10.7490/f1000research.1114554.1) and Scalling bioinformatics training: an ELIXIR, GOBLET & Galaxy Training Network collaboration (doi: 10.7490/f1000research.1114489.1).

MEMBER SPOTLIGHT: bioinformatics.ca
Bioinformatics.ca, hosted by the Ontario Institute for Cancer Research in Toronto, Canada, offers one- to several-day hands-on workshops focused on teaching research technologies. Francis Ouellette, the scientific coordinator, a strong advocate for Open Science. Bioinformatics.ca recordings of the lectures are available at www.bioinformatics.ca and around the world.

Have your institute spotlighted! Contact pr@mygoblet.org.

Global Organization for Bioinformatics Learning, Education & Training
Third Quarter 2017 Newsletter

MEMBER SPOTLIGHT: SIB Swiss Institute of Bioinformatics
SIB is celebrating its 20th anniversary in 2018 and by the same time its long experience in training. SIB federates that develop, maintain and provide bioinformatics resources for all areas of the life sciences on the national and international level. SIB offers some 50 bioinformatics and data science courses per year involving computational biology methods, statistics, machine learning, computing techniques, as well as the analysis, management and reproducibility of biological data. These courses, which have an emphasis on practical learning, are open to scientists in life sciences from Switzerland and internationally. Check the full list of SIB courses at <http://www.isb-sib.ch/training.html>.

Have your institute spotlighted.
Contact pr@mygoblet.org

mygoblet.org info@mygoblet.org [@mygobletorg](https://twitter.com/mygobletorg)

GOBLET DOWN UNDER
BY TERRI ATTWOOD

If the penguins in Cape Town last year were hard to beat, the megabats (flying foxes) in Brisbane were spectacularly 'other worldly'! With its beautiful botanical gardens – once the domain of food crops, planted by convicts to feed the prison colony, now home to a breath-taking assortment of ancient trees, rare botanic species and exotic creatures – Brisbane provided a stunning backdrop for GOBLET's 2016 AGM.

ONWARDS AND UPWARDS
Overall, the event was a great opportunity for networking and community engagement, and was attended in person and via video link by representatives from some of the most important bioinformatics and computational biology communities.

The meeting was organised in the context of the annual conference of the Australian Bioinformatics Society (ABABS), providing a forum both for promoting links and cooperation amongst trainers and trainees across the world, and for reflecting on GOBLET's progress since its inception. Hosted at the Queensland University of Technology, the AGM was preceded by two popular workshops: the first, a GOBLET-ABABS workshop on best practice in bioinformatics training, targeting those interested or active in bioinformatics education and training (whether in full-time degree programmes or short specialised courses); the second, a GOBLET-ELIXIR Train-the-Trainer workshop, part of a series of workshops worldwide that explore the skills needed to be a good training session design, how to write learning objectives and develop effective training materials, and how to collect feedback. The AGM was also followed by a fully subscribed course, which was subsequently repeated at the Victorian Life Sciences Computational Initiative (VLSCI), at the University of Melbourne.

we also announced, the new terms started organising themselves and already began planning the next AGM, to be held in Portugal later this year.

GOBLET'S REVISED VISION, MISSION AND OBJECTIVES FOR THE COMING YEAR

Vision: to unite, inspire and equip bioinformatics trainers worldwide
Mission: to subvert the global bioinformatics trainer community, set standards and provide high-quality resources to support learning, education and training.

OBJECTIVES FOR 2017

1. For the training portal to become both a pull mechanism and a repository.
2. To develop branded materials (e.g. Train-the-Trainer/Teacher packages) and end users.
3. To offer training for trainers/trainers and end users.
4. To continue work developing training material and course standards.
5. To provide training resources (surveys, best-practice guidelines, ice breakers, technologies for classrooms, etc.).
6. To raise funds to be able to meet our objectives.
7. To offer a network/community forum.

Accomplishments

Workshops



- ELIXIR Train-the-Trainer workshop, January, Lausanne
 - 5th ELIXIR-EXCERLATE TtT pilot

A screenshot of a web browser displaying a tutorial page for "qbrmd". The page has a dark blue sidebar on the left with the "elixir" logo and navigation links for "EVENTS", "Meetings", and "Webinars". The main content area has an orange header with the title "qbrmd tutorial" and subtitle "Creating HTML documents", dated "1 September 2016". Below the header, the page is titled "1 What is qbrmd ?" and includes a paragraph: "The qbrmd package extends the markdown package by providing additional features aimed at presenting scientific reports in HTML format". A light blue box contains three bullet points: "PDF reports are a common way to share scientific knowledge...", "Presentation slides such as powerpoint provide a more interactive way to present the data but are not a good reading support.", and "The aim of qbrmd is to bridge the gap between a pdf report and presentation slides by providing HTML reports that have enhanced presentation features." Below this, the section "1.1 Features" lists various capabilities like "Customized layout and CSS", "Responsive design", "Figures", "Tables", "Document", and "Sidebar". The page also shows a search bar and a map on the right side.

Accomplishments

Workshops



- ELIXIR AllHands meeting, March, Rome
 - Piloting a statistical literacy workshop
 - introducing KSAs & the 'Mastery Rubric' concept

The screenshot shows the ELIXIR website's news section. The header includes the ELIXIR logo and navigation links: ABOUT US, SERVICES, PLATFORMS, USE CASES, EVENTS, NEWS, and INTRANET. A search bar is located in the top right. The main content area features a news article titled "ELIXIR community meets in Rome: ELIXIR 2017 All Hands meeting, 21-23 March". The article text states: "ELIXIR held its 3rd All Hands meeting last week in Rome, Italy. Hosting nearly 300 participants from ELIXIR Nodes and partner organisations, the meeting presented the work of ELIXIR Platforms and Use Cases and reviewed the progress over the past 12 months." Below the text is a large group photograph of the meeting attendees. A sidebar on the left contains a "Subscribe to our newsletter" section with a "Subscribe" button. The article continues with "Keynote speeches" and a paragraph: "The conference keynotes presented different perspectives on bioinformatics infrastructures and bioinformatics research across the globe. Francis Ouellette from Genome Quebec talked about life-science infrastructure in Canada, Nicola Mulder from the Cape Town University in South Africa presented the H3Africa initiative, and Robert Gentleman gave an overview of genetics and drug discovery research in 23andMe."

Accomplishments

Workshops



- International workshop on data science training: standards, schemas & successes, May, Huntington Beach
 - Exploring commonalities across international training efforts

- white paper



TCC
BD2K Training
Coordinating Center

International Workshop on Data Science Training: Standards, Schemas, and Successes
May 24, 25, and 26, 2017

Venue/Hotel: Hyatt Regency Huntington Beach
Website: <https://huntingtonbeach.regency.hyatt.com>
Address: 21500 Pacific Coast Highway, Huntington Beach, California, USA, 92648
Phone: +1-714-698-1234

Workshop Synopsis

The educational elements of the NIH's Big Data to Knowledge (BD2K) enterprise seek to engage the widest possible audience of US-based researchers and students. The BD2K Training Coordinating Center (TCC) program has been charged with maximizing the reach of BD2K-generated educational materials. Recent efforts in Europe and in Africa provide a basis for curating and disseminating educational materials which would be of particular benefit to the TCC mission. We are excited to be fostering these synergies with international teams from Europe, South Africa, Australia, and elsewhere, culminating in this two-and-a-half-day meeting – joining forces in key areas involving training standards and practices in the biomedical and research sciences.

This unique international meeting will bring together experts from training consortia across three continents (North America, Europe, Australia, and Africa) to discuss, share, and plan for enhanced collaboration, the exchange of knowledge, and the development of further joint activities. Time will be devoted to direct hands-on interactions between core development teams from each center. We expect our interactions to result in a set of guiding principles and shared standards which will form a solid basis for interoperability and exchange of large-scale science training across these major international efforts. We will codify these as a "White Paper", and possible published article, to serve as a touch point for the development of international standards for education and training meta-data. As a consequence, such interactions of the TCC with international training experts will be of direct benefit to the overall BD2K community as well as investigators seeking a broad basis for training in large-scale biomedicine.

Accomplishments

Workshops



- Internal NBIS Training workshop, September, Stockholm
 - Building a Mastery Rubric for bioinformatics

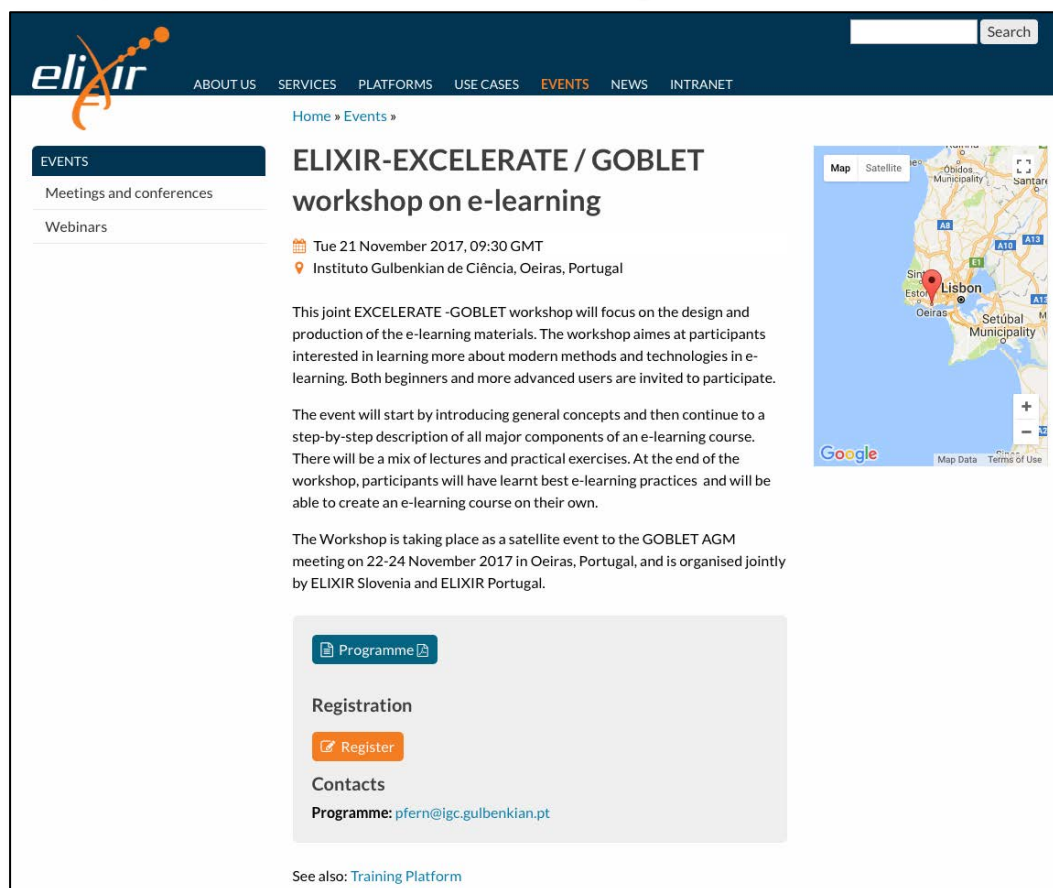


Accomplishments

Workshops



- ELIXIR-GOBLET e-learning workshop, November, Oeiras
 - Design & production of e-learning materials



The screenshot shows the ELIXIR website's event page. The header includes the ELIXIR logo and navigation links: ABOUT US, SERVICES, PLATFORMS, USE CASES, EVENTS, NEWS, and INTRANET. A search bar is located in the top right. The main content area features the event title 'ELIXIR-EXCELERATE / GOBLET workshop on e-learning' with a date of 'Tue 21 November 2017, 09:30 GMT' and location 'Instituto Gulbenkian de Ciência, Oeiras, Portugal'. A map of Lisbon, Portugal, is shown on the right. The event description states: 'This joint EXCELERATE -GOBLET workshop will focus on the design and production of the e-learning materials. The workshop aims at participants interested in learning more about modern methods and technologies in e-learning. Both beginners and more advanced users are invited to participate. The event will start by introducing general concepts and then continue to a step-by-step description of all major components of an e-learning course. There will be a mix of lectures and practical exercises. At the end of the workshop, participants will have learnt best e-learning practices and will be able to create an e-learning course on their own. The Workshop is taking place as a satellite event to the GOBLET AGM meeting on 22-24 November 2017 in Oeiras, Portugal, and is organised jointly by ELIXIR Slovenia and ELIXIR Portugal.' Below the text are links for 'Programme', 'Registration', and 'Contacts', with a 'Register' button and the contact email 'pfern@igc.gulbenkian.pt'. A 'See also: Training Platform' link is at the bottom.

Accomplishments

Workshops



- ELIXIR-GOBLET Train-the-Trainer mini-workshop, November, Oeiras
 - From KSAs to learning paths
 - developing mastery rubrics for bioinformatics training

A screenshot of the ELIXIR website's event page. The page has a dark blue header with the ELIXIR logo and navigation links: ABOUT US, SERVICES, PLATFORMS, USE CASES, EVENTS, NEWS, and INTRANET. A search bar is located in the top right. The main content area is white and features a sidebar on the left with 'EVENTS' and sub-categories 'Meetings and conferences' and 'Webinars'. The main heading is 'Train the Trainer Workshop: From knowledge, skills and abilities to learning paths: developing mastery rubrics for training'. Below the heading, it shows the date 'Fri 24 November 2017 GMT' and location 'Oeiras, Portugal'. A map of Portugal is on the right, with a red pin in Oeiras. The text describes the workshop's focus on developing mastery rubrics for bioinformatics training. At the bottom, there is a 'Programme' button and a link to 'Training Platform'.

Accomplishments Reports



- These, plus activities & achievements since the kick-off meeting in 2012, compiled into a draft first 5-year report



Table of contents	
Executive summary	3
Introduction	4
The seeds of GOBLET	4
<i>The ELIXIR Training Strategy Committee</i>	5
<i>The SLING Project and formation of the BTN</i>	5
<i>A turning point – the B'CB Meeting</i>	6
<i>The birth of GOBLET</i>	7
GOBLET kick-off meeting – Amsterdam, November 2012	8
<i>Outlining a steering structure</i>	8
<i>Membership types and fees</i>	9
<i>Meetings planned</i>	9
Interim GOBLET meeting – Berlin, July 2013	9
<i>Meetings held and planned</i>	9
<i>ELIXIR-UK/GOBLET meeting – Norwich, March 2013</i>	10
<i>Establishing a steering structure</i>	11
<i>Formalising the election of Officers</i>	11
<i>Proposed fee/benefit structure</i>	11
<i>Presentations from invited speakers</i>	12
Second annual meeting of GOBLET – Norwich, November 2013	13
<i>Dissemination</i>	13
<i>Meetings held and attended</i>	14
<i>Election results</i>	14
<i>Location of next AGM</i>	15
Third annual meeting of GOBLET – Toronto, November 2014	15
<i>Dissemination</i>	16
<i>Meetings held and planned</i>	17
<i>SEB-GOBLET Bioinformatics Workshop – Manchester, July 2014</i>	17
<i>ISMB – Boston, July 2014</i>	18
<i>State of the field in global bioinformatics training needs</i>	19
<i>Formulating a GOBLET-branded activity</i>	19
<i>Investing in GOBLET's work</i>	20
<i>Location of next AGM</i>	20
Fourth annual meeting of GOBLET – Cape Town, November 2015	20
<i>Dissemination</i>	21
<i>Meetings held and planned</i>	22
<i>ISMB – Dublin, July 2015</i>	22
<i>ELIXIR-GOBLET e-learning workshop – Ljubljana, September 2015</i>	22
<i>Bioschemas specification hackathon – Birmingham, October 2015</i>	23
<i>X meeting – Sao Paulo, November 2015</i>	23
<i>Joint H3ABioNet-GOBLET workshop – Cape Town, November 2015</i>	23
<i>ELIXIR-GOBLET Joint Training Strategy</i>	23
<i>Location of next AGM</i>	24
Fifth annual meeting of GOBLET – Brisbane, November 2016	24
<i>Election results</i>	26
<i>Dissemination</i>	26
<i>Meetings held and planned</i>	27
<i>ELIXIR-GOBLET workshop for metagenomics training materials re-use – Hinxton, April 2016</i>	27
<i>Training needs for biocuration workshop – Geneva, April 2016</i>	27

<i>ISMB – Orlando, July 2016</i>	27
<i>NETTAB 2016 – Rome, October 2016</i>	27
<i>ABACBS-GOBLET best practices workshop – Brisbane, November 2016</i>	28
<i>GOBLET-ELIXIR TIT workshop – Brisbane, November 2016</i>	28
<i>ABACBS-GOBLET RNA-seq course – Brisbane, November 2016</i>	28
<i>Location of next AGM</i>	28
Sixth annual meeting of GOBLET – Oeiras, November 2017	29
<i>Dissemination</i>	29
<i>Meetings held and planned</i>	30
<i>ELIXIR TIT workshop – Lausanne, January 2017</i>	30
<i>Training needs for biocuration workshop – Geneva, April 2016</i>	30
<i>International workshop on data science training – Huntington Beach, May 2017</i>	31
<i>ISMB – Prague, July 2017</i>	31
<i>NBS training workshop – Stockholm, September 2017</i>	31
<i>ELIXIR-GOBLET e-learning workshop – Oeiras, November 2017</i>	32
<i>ELIXIR-GOBLET TIT mini-workshop – Oeiras, November 2017</i>	32
<i>Location of next AGM</i>	32
EMBLnet-sponsored project – production of branded materials	32
<i>Critical Guides</i>	33
Conclusions	36
References	37
Appendix	40
<i>GOBLET publications</i>	40
<i>GOBLET meeting reports</i>	41
<i>GOBLET posters</i>	42
<i>GOBLET meetings and presentations</i>	43
Acknowledgement	44

Accomplishments

Grant proposals



- Grants applied for
 - ICTP – Simon Hodgson (CODATA-RDA) ✓
 - Data Science Summer School, Trieste, 2018 – bioinformatics flavour
 - ARC industry training centre for applied bioinformatics – Dave Edwards
 - develop an advanced capability centre for the analysis & exploitation of biological data
 - provide broad bioinformatics support & training for small-scale bioscience innovators
 - train skilled bioinformaticians in entrepreneurship to underpin growth in innovation
 - LoS written

Conclusion



- Hugely busy year
 - Achieved a lot
 - but more to do...
 - often requires considerable foundational work before seeing any demonstrable progress
 - with patience, we're getting there!
- Massive thanks to all who've mucked in!
 - a plea to everyone to help build on these foundations
 - get involved!
 - help us to do more
 - & spread the word...