

The FaceBase Consortium

4nd annual research meeting

NIDCR Update

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A reminder of why we're here

- Facilitate craniofacial research by making large, integrated datasets available to the wider scientific community
- Develop the tools and datasets needed for a comprehensive, systems-wide, understanding of the developmental processes that create the face during embryogenesis and how those processes go awry.

FaceBase objectives

(Now  Future)

Data Collection and Technology Development: “-omics” datasets on midface development at the molecular, cellular, tissue and organism levels deposited into FaceBase database



Data Coordination, Integration and Sharing: Comparative analysis, gene regulatory networks, modeling



Expansion of FaceBase organization to other craniofacial diseases and disorders



Translational and clinical applications for prevention & intervention

The first subject on everyone's mind

- **Sequestration**

- The NIDCR is still open for business
- We're still funding grants

The second subject on everyone's mind

- New FaceBase RFAs
 - FaceBase 2: Craniofacial Development and Dysmorphology - **Dataset, Tool, and Resource Development (U01)**
 - FaceBase 2: Craniofacial Development and Dysmorphology - **Data Management and Integration Hub (U01)**
 - Competition is open to the entire community

- Same overall idea as last time:
 - Creation of datasets and tools useful to the wider community
 - Make data available to the public quickly and prepublication
 - Integration of those datasets
 - Hub and spoke model
 - Maximum budget for whole consortium is the same as last time
 - Spoke projects are limited to staying below \$500K direct costs per year

- New projects should bring something new to FaceBase – “...must be complementary to, rather than duplicative of...”
 - Casting a wider net
 - *e.g.*, approaches already used in FaceBase projects applied to new areas, new approaches applied to current areas...”
 - “...the Consortium will expand its purview to parts of craniofacial anatomy outside of the midface and palate.”
- A new condition for all projects
 - All projects are expected to have an active member(s) of their team who can serve as a translator for discussions between the biology and informatics worlds.

- All applications are “new” – a technicality
- Letters of intent due 7/22/13
- New page limits
 - 12 pages for spoke projects, 30 pages for hub
 - Electronic submission through grants.gov
- Applications due 8/22/13
- Peer review, November, 2013
- Earliest start date, May 2014

Related FOA: PAR-13-178

- NIDCR Small Research Grants for Secondary Analysis of FaceBase Data (R03)
 - Intended to encourage “outside” use of the data that you have produced and to encourage analyses that tie together data from different FaceBase projects
 - Larger than normal R03 budget
 - Direct costs of up to \$200,000 per year are allowed with a maximum direct cost of \$300,000 for the entire two year funding period
 - Not intended for support of data generation
- Recipients of these grants will not become part of the consortium but will be expected to share the results of their analyses through FaceBase

Something important to keep in mind

- We've just begun the last year of this iteration of the consortium
 - It's imperative that you plan your work in such a way that the hub can process your data and get it up on the website before the end of the current grants.
 - Work with the hub to develop a mutually agreeable schedule for data uploads (Harry will speak about this later in the meeting)
 - **Please don't dump a terabyte of data on them 2 weeks before the end of the grant.**
 - In theory, all projects should have 4 months of unobligated funds at the end of the current grant year,
 - Continue working on your project during a no-cost extension

And now back to the work at hand...