52 members

4 Colorado Universities

$40 million in external funding

32 joint publications in 2 years

Coming together to discover IGAF

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www.natac.colostate.edu/IGAF
Artist Statement
Lindsay Bogart

As an artist and a designer my focus is always on usability. Is this designed, laid-out, in such a way that it is the easiest for the intended audience to understand? This is my goal when I start a new project. In particular, I find myself always obsessing over spacing of objects and text on a page. I do this not simply because it will create a better and crisper end result, but because I feel from experience that if you look at a design where some placement is off, you end up spending the whole time focused on that rather than the information the artist is trying to get across. So while of course color, imagery, and other factors are very important for drawing the audience in, I will always focus equally, if not more effort simply on the spacing within my pieces.
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Figure 1: IGAF Infographic
Figure 2: IGAF Symposium Poster
Our Vision

Institute for Genome Architecture and Function (IGAF) at CSU is devoted to basic and applied research in the area of genome architecture and function. The mission of the cross-college interdisciplinary institute is to elucidate the structure of the genome (the “blueprint of life”) at all levels of resolution possible, with the goal to reveal its central roles in determining the state of a cell and thus an organism, in particular the role of the genome in the vital cellular functions of (1) gene transcription, (2) replication and repair, and (3) cell division will be studied. Further, research performed in the IGAF will advance our understanding of the underlying genetic regulatory networks and how they contribute to health, disease, and evolution.

The IGAF is also committed to developing and providing state-of-the-art imaging and structural/molecular biology resources, as well as computational and mathematics models and methods, in order to promote its overarching mission.

Functions of the Institute

IGAF enables cross-disciplinary and collaborative research, provides pilot support to institute members, and develops enabling technologies and centralized core facilities. In addition, IGAF established an Institute seminar program, provides graduate and postdoctoral fellowships, and developed a genomics summer course/wkshop program. These functions of IGAF allow it to develop competitive funding proposals.

Progress

- 52 members
- 9 Colorado universities and Institutes
- $40 million in external funding
- 50 departments, 20 colleges, and 10 universities involved worldwide
- 10-fold increase in grant support
- 32 joint publications in 2 years
- 200 Researchers trained
- 4 technical core facilities
- Support from 10 grant funding agencies and 2 foundations

Figure 4: IGAF Brochure (inside)
Figure 5: Popover Infographic Newspaper
Figure 6: Yo-Yo Ma Vinyl
Figure 7: CIIPE Logos
Bipolar Disorder is a mood disorder that causes rapid swings in mood and behavior. It is classified into different groups. The two main groups are Bipolar I Disorder and Bipolar II Disorder.

**Bipolar I**
- Bipolar I disorder is the most severe form. It is classified by both severe bouts of depression as well as periods of mania.

**Bipolar II**
- Bipolar II Disorder differs from Bipolar I Disorder because although both share episodes of severe depression, those who have Bipolar II don’t experience full mania. They only experience a lesser hypomania.

**What’s the difference between MANIA and HYPOMANIA?**
- Symptoms are more severe and can include delusions
- Symptoms are less severe and DO NOT include delusions

**Symptoms**

- **Hypomania/Mania**
  - Dilated pupils
  - Rapid speech
  - Little need for sleep
  - Racing thoughts
  - Elevated mood
  - Inability to concentrate
  - Increased in plans or ideas
  - Continuous high energy
  - Overconfidence
  - Delusions* (Only present in mania)

- **Severe Depression**
  - Decreased interest in sex
  - Negative thoughts popping into mind
  - Lacking motivation
  - Drained of energy
  - Less talkative

*Source: Psychosources.co*
Be Loyal To Your Soil:

International Compost Awareness Week
May 3-9, 2015

Figure 9: Compost Poster
Figure 10: Most Wanted Family Calendar