

# Genome Function Circa 2016: Updates from ENCODE and Related Projects

NHGRI Workshop  
From Genome Function to Biomedical Insight:  
ENCODE and Beyond  
10-11 March 2015

Mike Snyder

Mike Pazin

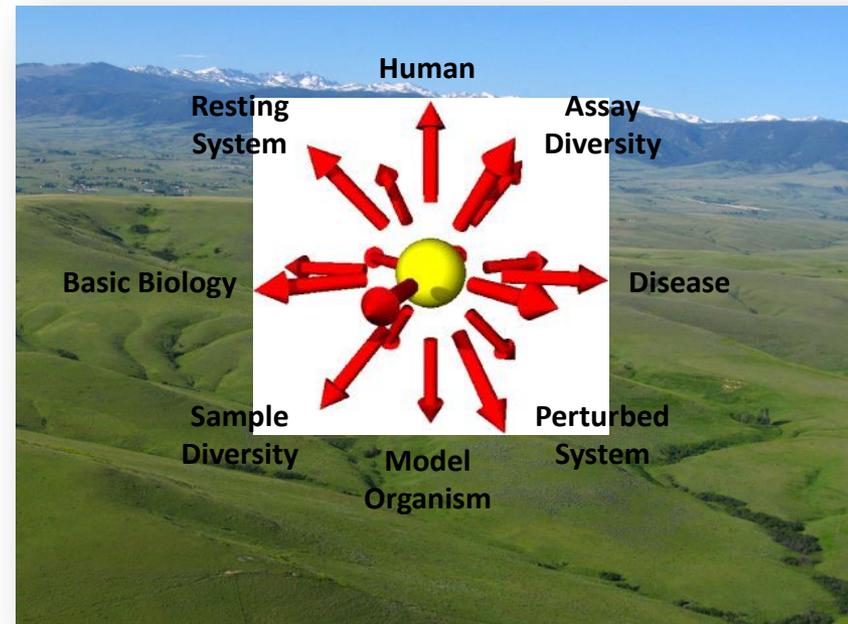
Dan Gilchrist



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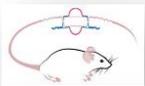
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- Objective – Identify opportunities for better understanding genome function and for application of that understanding
- Genome function encompasses a very large conceptual space
- Space can be considered in many dimensions
- NHGRI cannot explore entire space but can identify areas where we can make greatest impact
- Broad overview of functional genomics landscape for common jumping-off point



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- ENCODE 3 Summary – Mike Snyder
- ENCODE-Related Projects
  - Similarities to ENCODE in goals, methods, data types....
  - Provide genome-scale resources enabling work by larger scientific communities
  - Tend to be larger, multi-lab efforts



# Genome Function Circa 2016: Updates from Related Projects

- ENCODE 3 and ENCODE-Related Projects
  - Extensive crosstalk between projects
  - Facilitates efficient exploration of functional genomics space
  - Much expertise in room, please make use of this

