

# Research Computing Day

November 7, 2013

Elias Eldayrie, Vice-President and  
Chief Information Officer

---

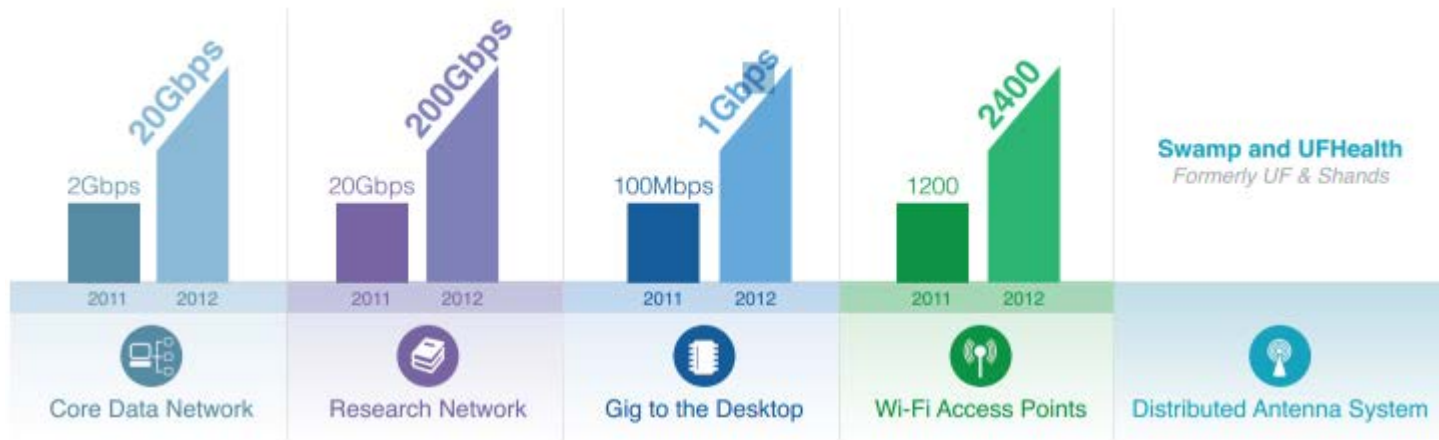
# Investments to Date



# HiPerGator



## GatorNet



# Investments to Date



## Innovation Campus Pilot Sites

100GE – Science DMZ – Software-Defined Networking

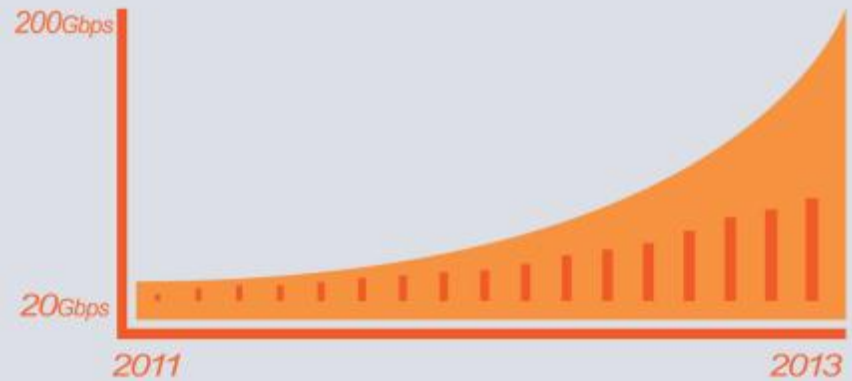


# Investments to Date

## UF RESEARCH COMPUTING: INCREASE IN EXTERNALLY FUNDED PROJECTS



## CAMPUS RESEARCH NETWORK CAPABILITY EXPANSION



**A 900% INCREASE IN TWO YEARS**

# BIG DATA?

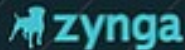
**VOLUME**  
Large amounts of data.

**VELOCITY**  
Needs to be analyzed quickly.

**VARIETY**  
Different types of structured and unstructured data.



30 billion pieces of content were added to Facebook this past month by 600 million plus users.



Zynga processes 1 petabyte of content for players every day; a volume of data that is unmatched in the social game industry.



More than 2 billion videos were watched on YouTube... yesterday.



The average teenager sends 4,762 text messages per month.



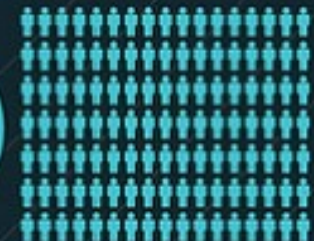
32 billion searches were performed last month... on Twitter.

Source: Statista

Worldwide IP traffic will **quadruple by 2015.**



By 2015, nearly **3 billion people**



will be online, pushing the data created and shared to nearly **8 zettabytes.**

# New Services





# New Services

Coming Soon:  
UF Apps for Researchers!

**UF Apps**  
Information Technology

Search *info.apps.ufl.edu*

Facebook Twitter YouTube

[Login to UFApps](#)

[Home](#) [Request a New App](#) [Feedback](#) [FAQ](#)

### Connect to Apps Anywhere, Anytime, on all your Devices

UFApps provides access to software applications from any computing device—laptops, tablets, desktops, and smartphones—from any location, at any time. This project is a one-year pilot project funded by the Student Tech Fee.

Please use the [Feedback](#) button to share your comments about this pilot program with us!

[Read more about UFApps.](#)

### Available Tools

**Apps**

- > Adobe
  - > Adobe Acrobat XI
  - > Adobe Dreamweaver CS6
  - > Adobe Illustrator CS6
  - > Adobe InDesign CS6
  - > Adobe Photoshop CS6
- > ArcGIS 10.1
- > AutoCAD 2013
- > Matlab R2012b
- > Minitab 15
- > Microsoft
  - > Microsoft Access 2010
  - > Microsoft Excel 2010
  - > Microsoft Powerpoint 2010
  - > Microsoft Publisher 2010
  - > Microsoft Word 2010
- > SketchUp 8
- > SolidWorks 2012
- > SPSS Amos Graphics 21
- > SPSS Statistics 21

# New Services



# New Services

