Implementation of Social Media for Dissemination of Research Activities at the Center of Excellence in Remote Sensing Education and Research at Elizabeth City State University

2016 ECSU Academic Year REU



Team Members

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Abstract

The Center of Excellence in Remote Sensing Education and Research (CERSER) at Elizabeth City State University (ECSU) was established in the spring of 2003 to develop innovative and relevant research collaborations focused on remote sensing applications to coastal, ocean, marine, and polar research. The program has supported various other projects through grants and collaborations with the National Science Foundation, Office of Naval Research, the National Aerospace and Space Administration, and other various government and educational entities.



Abstract

CERSER has utilized the web site located at http://cerser.ecsu.edu to provide documentation of research activities to funding agencies, faculty, students, and event attendees from its inception. This site provides information regarding past, current, and future events as well as research conducted by students in the program and with affiliated universities or government agencies. The sister site located at http://nia.ecsu.edu is the original location used for documentation of information from previous and current research projects under this program and remains active today.

In order to reach out to a broader audience, the implementation of social media was explored during this project. The goal of this research was to establish a social media presence on Facebook, Twitter, Instagram, and Google+.



Abstract

This project explored the implementation of each social media application and identified appropriate audiences and methods of disseminating information. The methods included what information to post, when to post it, and how often to share. Best practices were taken from both educational and commercial sources.



Introduction

- Social Media
- Web 2.0





Publications

- Research Purpose
- Facebook
- Twitter
- Instagram
- Google+





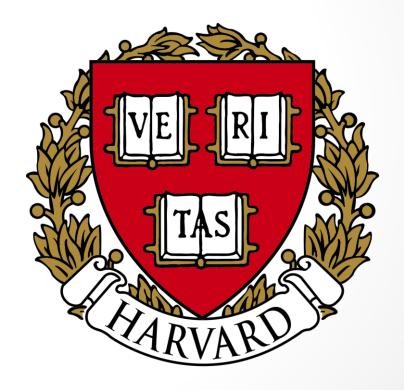






Facebook

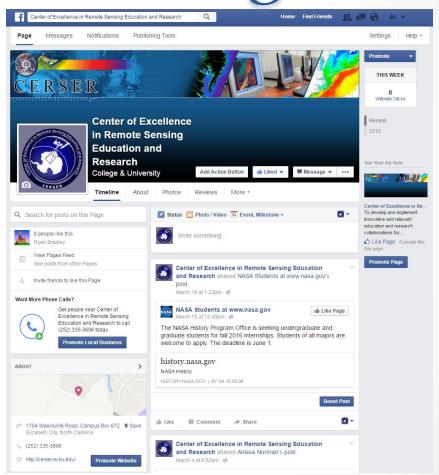
- Harvard University
- 1.59 Billion Users
- Face Books
- Platforms
- Privacy





Facebook Usage

- Profile
- Status Post
- Media
- Limits





Facebook Features

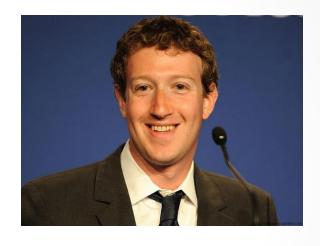
- 37 Languages
- Markets
- Groups
- Events
- Pages
- Presence Technology





Facebook Development

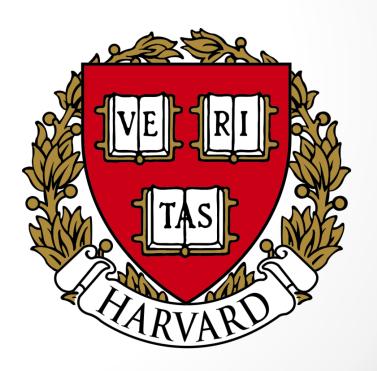
- Mark Zuckerburg
- Facemash
- Hot or Not
- Legal Difficulties





Facebook Development

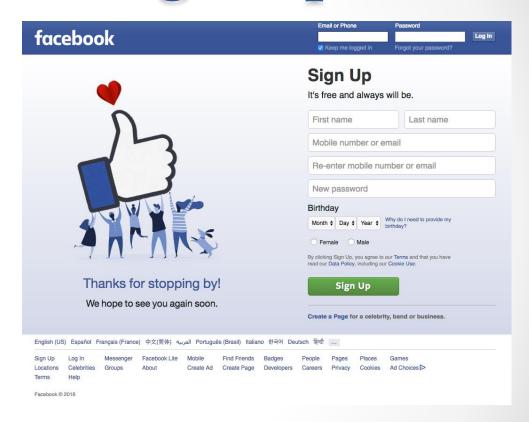
- thefacebook.com
- Harvard -> Ivy League -> Most US Universities
- Available to all





Facebook Sign-up

- Signing up
- Account settings
- Pages





Facebook Pages

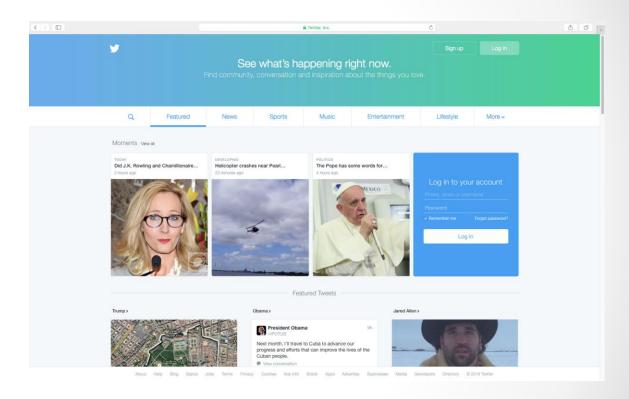
- Purpose
- Create Page
- Category
- Profile Picture
- Age range/Interests





Twitter

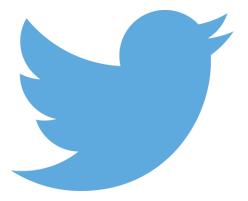
- Purpose
- Users
- Access
- Twitter Inc.
- Platform

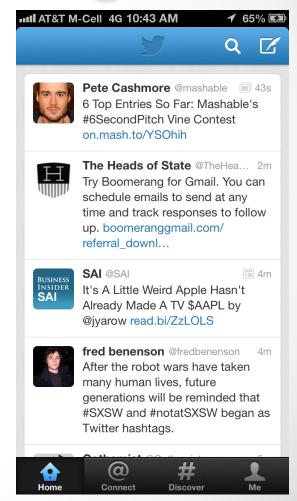




Twitter Beginnings

- 2006
- Usage
- Following
- Tweets







Twitter Development

- Odeo
- 2007 South by Southwest Festival

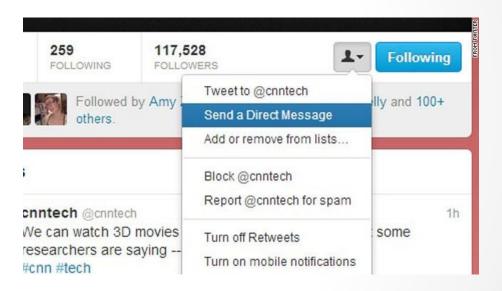






Twitter Features

- Direct Messaging
- Retweeting
- Privacy





Instagram

- Overview
- Mobile App
- Version 2.0





Instagram Development

- Founders
- Odeo
- Burbn
- Instant Camera + Telegram
- Acquisition by Facebook









Google+

- Overview
- Development
- Orkut, Wave, Buzz





Google+ Features

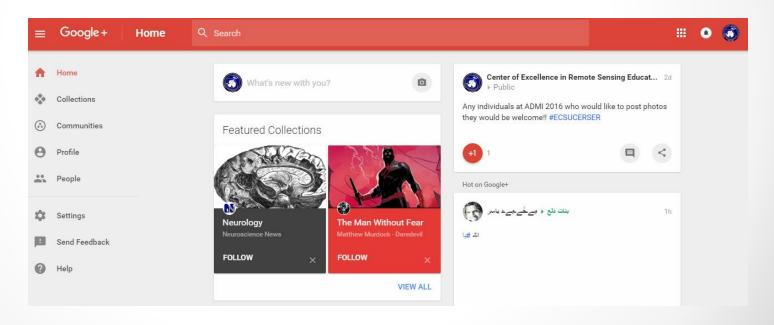
- Circles
- Hangouts
- Events
- Polls





Google+ Posts

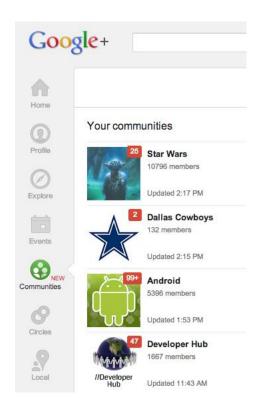
- Posting
- Privacy
- Images

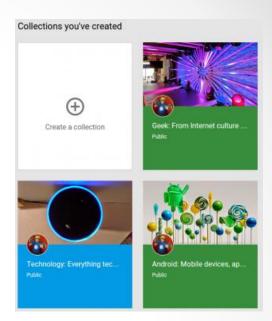


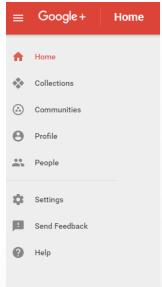


Google+

- Collections
- Communities
- Ads
- Classic









Hashtags

- Overview
- Etymology
- Internet Relay Chat (IRC)
- Comments

```
#hashtags #hashtags
```



Facebook: Sign-up

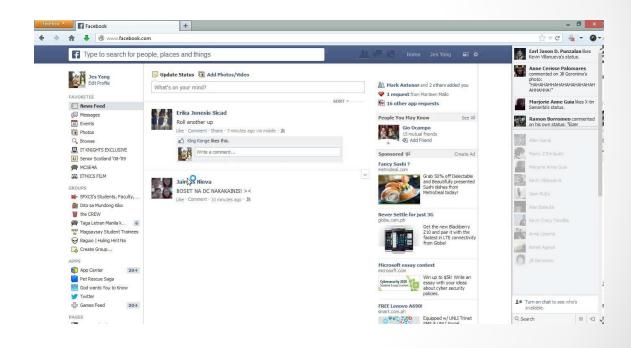
- Facebook.com
- Screen Prompts
- Submit
- Profile picture





Facebook: Interface

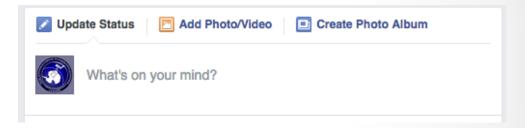
- News Feed
- Menu Sections
- Messenger
- Presence

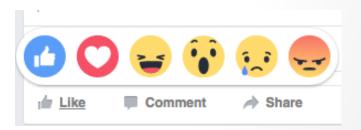




Facebook: Posting

- Status
- Like, Comment, Share
- React
- Comment
- Share

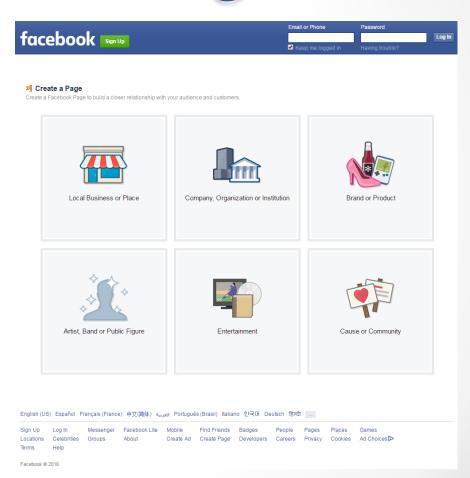






Facebook: Pages

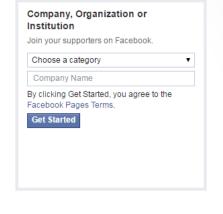
- Log in
- Create Page
- Category
- Company Name

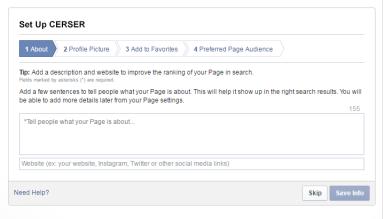




Facebook: Pages

- Set up Name
- About
- Profile Picture
- Preferred Page Audience
- Location
- Gender
- Interests



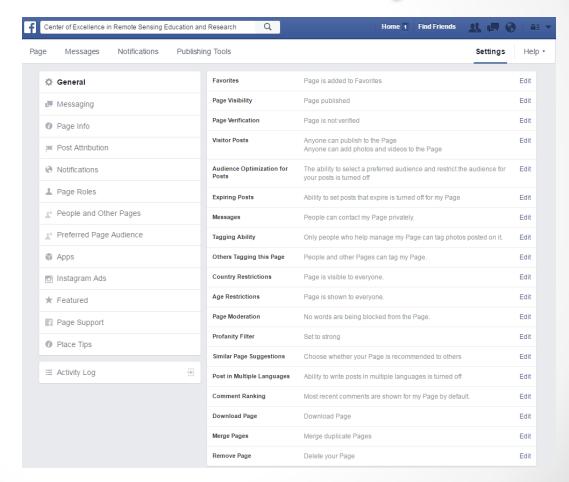






Facebook: Privacy

- Settings
- Viewing posts





Twitter: Sign Up

- Email
- Sign Up
- Name, Phone or Email, and a Password
- Username
- Confirmation

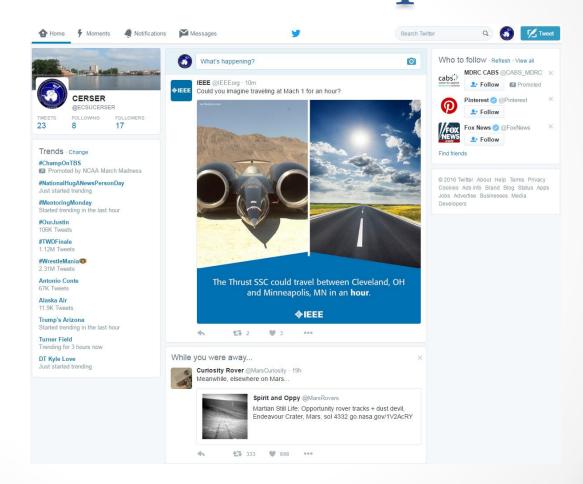
Join Twitter today.

Full name	
Phone or Email	
Password	
☑ Tailor Twitter based on my recent website visits. Learn more.	
Sign up	
By signing up, you agree to the Terms of Service and Privacy Policy, including Cookie Use. Others will be able to find you by email or phonumber when provided.	е
Advanced ontions	



Twitter: Set Up

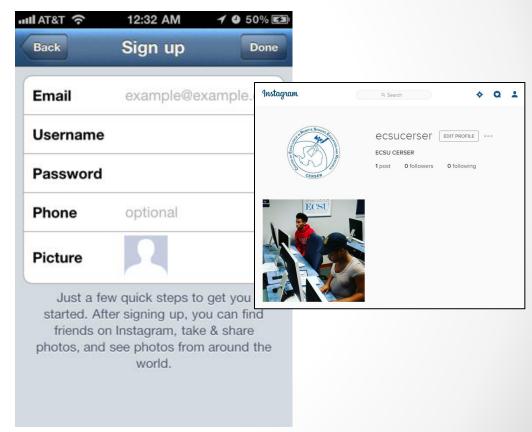
- Tweets
- Privacy
- Mute
- Block





Instagram

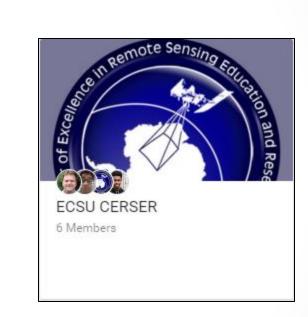
- Mobile
- Download
- Email
- Username/Password
- Privacy Setting
- Logo
- Posting





Google+

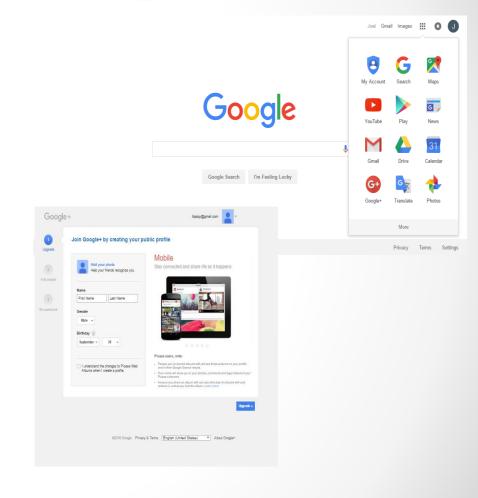
- Email
- Information
- Community





Sign up for Google+

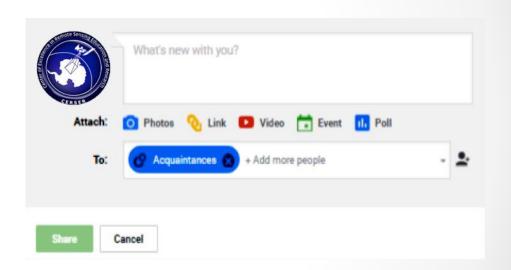
- Create an account
- Log into account
- Open more Apps
- Click on Google+
- Follow directions and upgrade your account





Creating a Post

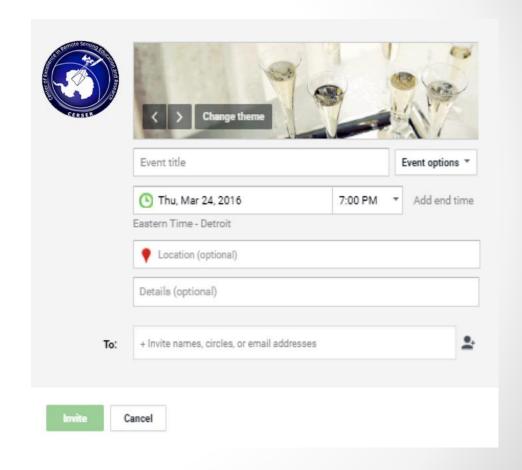
- Select text
- Type the message
- Add more content
- Select circles or individual
- Select share





Creating an Event

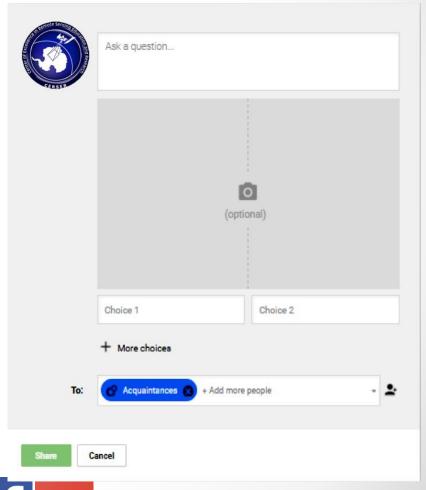
- Select event
- Event Info





Creating a Poll

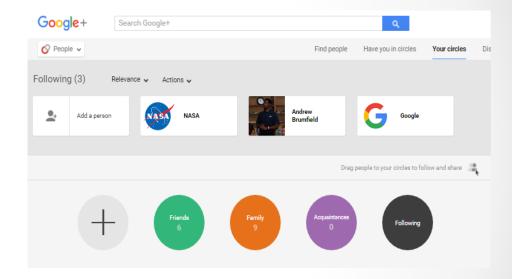
- Select Poll
- Ask the question at the top text box
- Add image is desired
- Add answers
- Click more choices to add more choices
- Select circles and then share





Google Circles

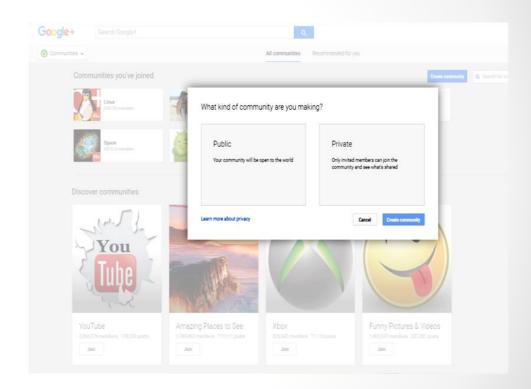
- Menu button
- Select People





Create Community

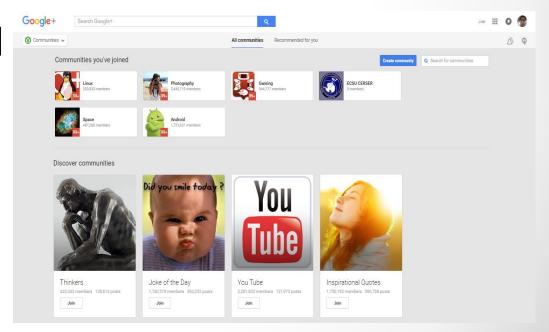
- Side menu
- Community
- Create community
- Private/Public
- Wizard





Join a Community

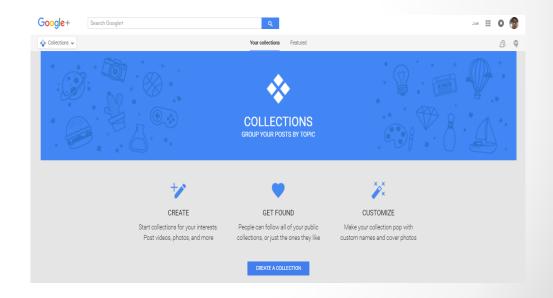
- Click on the side menu
- Click on community
- Search for the community wanted
- Click join





Creating a Collection

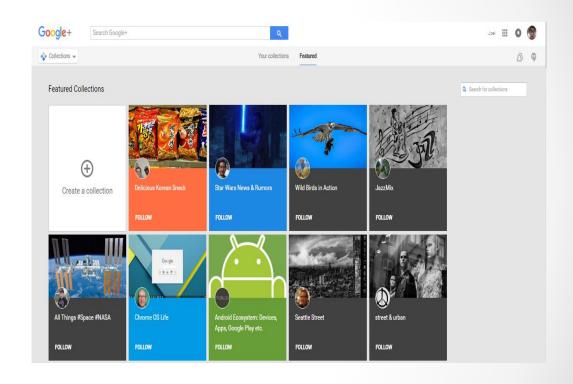
- Side menu
- Collection
- Create Collection
- Follow the steps





Following a Collection

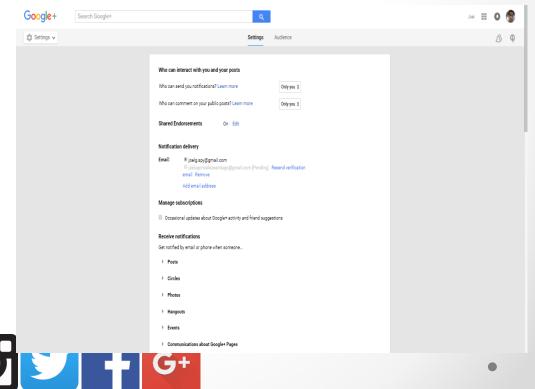
- Side menu
- Collection
- Featured tab
- Search/Select
 Follow





Settings

- Side menu
- Settings
- Select the settings desired



Effective Usage

- Use relevant hashtags
- Post to the relevant circles
- Be careful what is posted
- Include teasers about content
- Post at peak times
- Have consistency of when to post





Hashtags

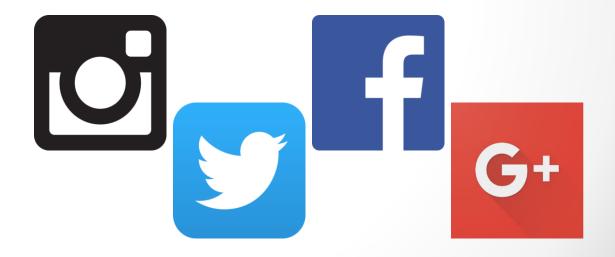
- Promotion
- Number
- Events
- CERSER Gathering





Results

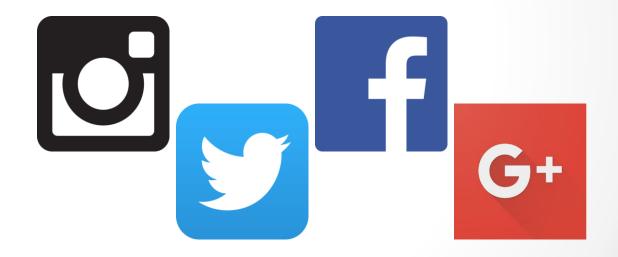
- Individual vs. Organization
- Facebook
- Twitter/Instagram
- Google+





Conclusion

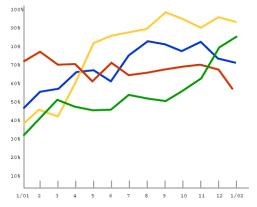
- Comparison
- Facebook vs Twitter/Instagram
- Google+





Future Works

- Analytics
- Event Usage
- Interlinking







Celebration of Women in Mathematics





Questions





