



LISA 2010

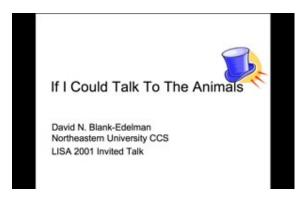


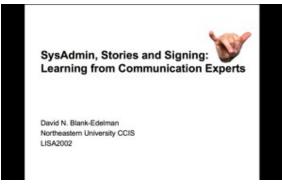
Qualifications As A Comic Book Expert

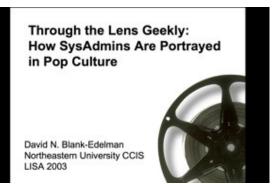


Previous LISA Talks

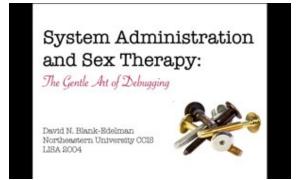
2001 2002 2003







2004 2008





Your Qualifications



My Usual Process Failed



Drowning Doesn't Look Like Drowning

- Instinctive Drowning Response
 - Except in rare circumstances, drowning people are physiologically unable to call out for help.
 - Physiologically, drowning people who are struggling on the surface of the water cannot stop drowning and perform voluntary movements such as waving for help, moving toward a rescuer, or reaching out for a piece of rescue equipment.
 - Unless rescued by a trained lifeguard, these drowning people can only struggle on the surface of the water from 20 to 60 seconds before submersion occurs.

Other Signs of Drowning

- Head low in the water, mouth at water level
- Head tilted back with mouth open
- Eyes glassy and empty, unable to focus
- Eyes closed
- Hair over forehead or eyes
- Not using legs Vertical
- Hyperventilating or gasping
- Trying to swim in a particular direction but not making headway
- Trying to roll over on the back
- Ladder climb, rarely out of the water.
- ...children playing in the water make noise. When they get quiet, you get to them and find out why.

From http://gcaptain.com/maritime/blog/drowning/?10981

PRIMISE

Los Angeles Times | ARTICLE COLLECTIONS

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Google

FEATURED ARTICLES

Court to decide if fired Google manager's age...

May 27, 2010

'Googled: The End of the World as We

Google fires employee for snooping on users

The Internet search giant says the software engineer broke its 'strict internal privacy policies.' He allegedly accessed information about four teenagers.

September 16, 2010 | By Jessica Guynn, Los Angeles Times

Reporting from San Francisco — Google Inc. fired a software engineer for snooping on its users' private information, the Internet search giant confirmed Wednesday.

The 27-year-old employee, David Barksdale, allegedly accessed information about four teenagers he met through a Seattle technology group, according to gossip website Gawker, which reported the incident Tuesday.

TechCrunch

What's Hot: Android Apple Facebook Google Microsoft Twitter Yahoo Zynga

Google Confirms That It Fired Engineer For Breaking Internal Privacy Policies

Jason Kincaid

If Like - 127







43 Comments

Sep 14, 2010

Earlier today Gawker published an alarming report to detailing the exploits of a former Google engineer who allegedly used his internal clearances to access private Gmail and GTalk accounts so that he could spy on and harass people, including four minors. The article repeatedly points out how much sensitive data



the public has entrusted Google with, and highlights that the company's internal security policies may not be enough to maintain that security should a trusted employee go rogue. Google has just responded to the article with this statement, and it doesn't deny anything Gawker reported:

"We dismissed David Barksdale for breaking Google's strict internal privacy policies. We carefully control the number of employees who have access to our systems, and we regularly upgrade our security controls-for example, we are significantly increasing the amount of time we spend auditing our logs to ensure those controls are effective. That said, a limited number of people will always need to access these systems if we are to operate them properly-which is why we take any breach so seriously."

Bill Coughran, Senior Vice President, Engineering, Google

While the Gawker article correctly said that Barksdale had been fired for this reason, Google had not previously confirmed it and Barksdale had refused to comment on why he had been dismissed.

In light of the news, we've asked Google for more information as to how many times such breaches have occurred in the past, and how many people have access to these private accounts. **Update**: A Google spokesperson says that a similar security breach has happened once before and that the employee was also dismissed. The previous incident didn't have any minors involved.

According to the Gawker article, Barksdale was a Site Reliability Engineer, who had deep access to private accounts spanning multiple Google services.



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Google Cans Snooping Employee... Again

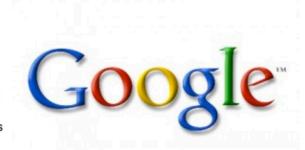
Posted by John Sukowaty on September 15, 2010 // Leave Your Comment // Read 2,539 Times

(4 votes, average: 1.00 out of 10)

Like Be the first of your friends to like this.

A software engineer that worked for one of the best companies in all of the world was fired for snooping on users. Google says that David Barksdale accessed information on four teenagers he met through a Seattle technology group. Gawker.com was the first to report this privacy invasion.

A self-proclaimed hacker, Barksdale accessed some information on the teens, but Gawker does say that none of the contact was sexual in nature. Barksdales job was to maintain and troubleshoot sites that Google runs and he allegedly violated Google's VERY strict "internal privacy policy". Barksdale has not returned phone calls or had any comment on the matter since being fired in July.



Apparently this is not the first Google employee to break such rules. TechCrunch reported that another engineer was busted in a similar fashion, but it did not involve minors. There is personal data flying all over companies like Google and for a story like this to come out is not a good thing at this time.

Federal regulators want to monitor what data is taken and from where, but companies like Google are against such laws because they believe the industry can police itself. With instances like this, it at least shows that Google handles it correctly, but Federal regulators are still going to look at in there own light.

Chargers were not pressed against Barksdale at the request of one of the families involved.

TechCrunch

What's Hot: Android Apple Facebook Google Microsoft Twitter Yahoo Zynga

This Is The Second Time A Google Engineer Has Been Fired For Accessing User Data

Jason Kincaid

f Like 104

Buzz 🗧

→Tweet < 64

28 Digg 1

Sep 14, 2010

45 Comments

Google has just confirmed that it fired one of its engineers for violating internal security policies, effectively confirming a Gawker report that detailed how former employee David Barksdale had used his clearance to access private data of multiple people, including four minors. Barksdale has been dismissed for the offense, and Google



says that it is "significantly increasing the amount of time we spend auditing our logs to ensure those controls are effective".

We asked Google how many times this has happened and have confirmed that it is the second such incident. However, the previous case didn't involve minors — the offender was dismissed just as Barksdale was. Honestly, given that Google has been around for over ten years and employs some 20,000 people, I half expected this number to be higher. Still, it's disconcerting to hear that it's happened at all.

To Google's credit, it's commenting on the issue. Contrast this with Facebook — a Rumpus article earlier this year stated that at least two employees have previously been fired for accessing user data. I asked Facebook about this repeatedly, and they refused to directly answer how many times this had happened, if ever.

VALLEYWAG

San Francisco, 7:24 PM Mon Nov 8 57 posts in the last 24 hours

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Kotaku has Kinect. The good and bad of the machine that could transform your TV.

SUBSCRIBE TO GAWKER

GCreep: Google Engineer Stalked Teens, Spied on Chats (Updated)



We entrust Google with our most private communications because we assume the company takes every precaution to safeguard our data. It doesn't. A Google engineer spied on four underage teens for months before the company was notified of the abuses.

David Barksdale, a 27-year-old former Google engineer, repeatedly took advantage of his position as a member of an elite technical group at the company to access users' accounts, violating the privacy of at least four minors during his employment, we've learned. Barksdale met the kids through a technology group in the Seattle area while working as a Site Reliability Engineer at Google's Kirkland, Wash. office. He was fired in July 2010 after his actions were reported to the company. [Update: Google has confirmed the security breach. An update appears below.]

It's unclear how widespread Barksdale's abuses were, but in at least four cases, Barksdale spied on minors' Google accounts without their consent, according to a source close to the incidents. In an incident this spring involving



a 15-year-old boy who he'd befriended, Barksdale tapped into call logs from Google Voice, Google's Internet phone service, after the boy refused to tell him the name of his new girlfriend, according to our source. After accessing the kid's account to retrieve her

In other cases involving teens of both sexes, Barksdale exhibited a similar pattern of aggressively violating others' privacy, according to our source. He accessed contact lists and chat transcripts, and in one case quoted from an IM that he'd looked up behind the person's back. (He later apologized to one for retrieving the information without her knowledge.) In another incident, Barksdale unblocked himself from a Gtalk buddy list even though the teen in question had taken steps to cut communications with the Google engineer.

name and phone number, Barksdale then taunted the boy and threatened to call her.

TechCrunch

What's Hot: Android Apple Facebook Google Microsoft Twitter Yahoo Zynga

Purported Interview With Facebook Employee Details Use Of 'Master Password'

Jason Kincaid Jan 11, 2010 f Like 470

Buzz

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69 Comments

Earlier today, The Rumpus published a very revealing interview with someone claiming to be a Facebook employee. The interview covers a variety of subjects, including privacy restrictions at the world's largest social network and some of the technological hurdles the site has to deal with. The biggest revelations? That Facebook collects more data about your habits than you may realize, and that there was once a 'master password' that would grant employees access to anyone's Facebook profile — a password that some employees abused.

The interview wasn't authorized by Facebook, and there are many who are **doubting** its authenticity. We've heard some rumors that the interview is legit, and The Rumpus' editor stands



behind it. For what it's worth, much of it rings true to me — none of the 'facts' revealed are surprising or difficult to believe. Here are some of the highlights:

Facebook is recording data on everything you do on the site. Everything. And not just the messages you've written and received either: it knows how many times you've clicked on your friend's profile, which photos you've viewed, and more. Using this data it can establish who your best friends are, which helps it generate interesting stories in your News Feed. According to the interview, this data has recently been used to streamline search (your best friends show up first as your type in your guery, rather than an alphabetical list).

Table 4. Top threat actions based on 2008-2009 payment card breaches investigated by Verizon IR team

Category	Threat Actions	% of Breaches
Malware	Backdoor	25%
Hacking	SQL Injection	24%
Hacking	Exploitation of backdoor or command/control channel	21%
Hacking	Exploitation of default or guessable credentials	21%
Misuse	Abuse of system access/privileges	17%
Hacking	Use of stolen login credentials	14%
Malware	RAM scraper	13%
Hacking	Exploitation of insufficient authorization	13%
Malware	Packet sniffer	13%
Malware	Keylogger / Spyware	13%

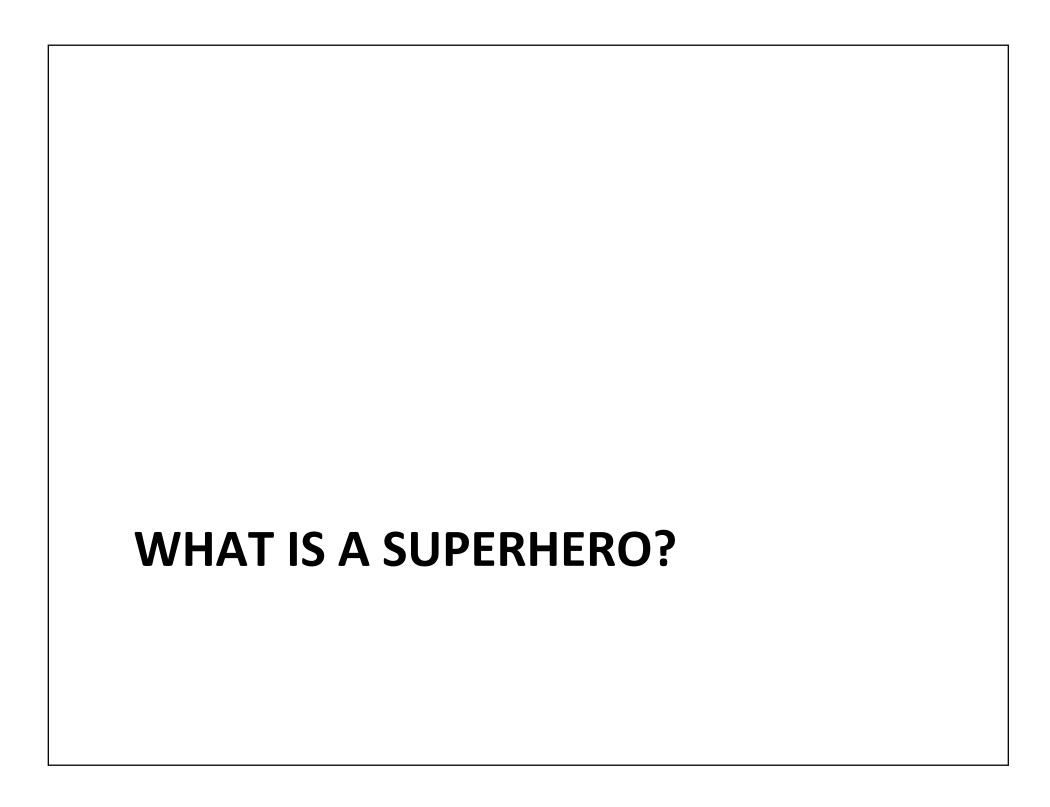


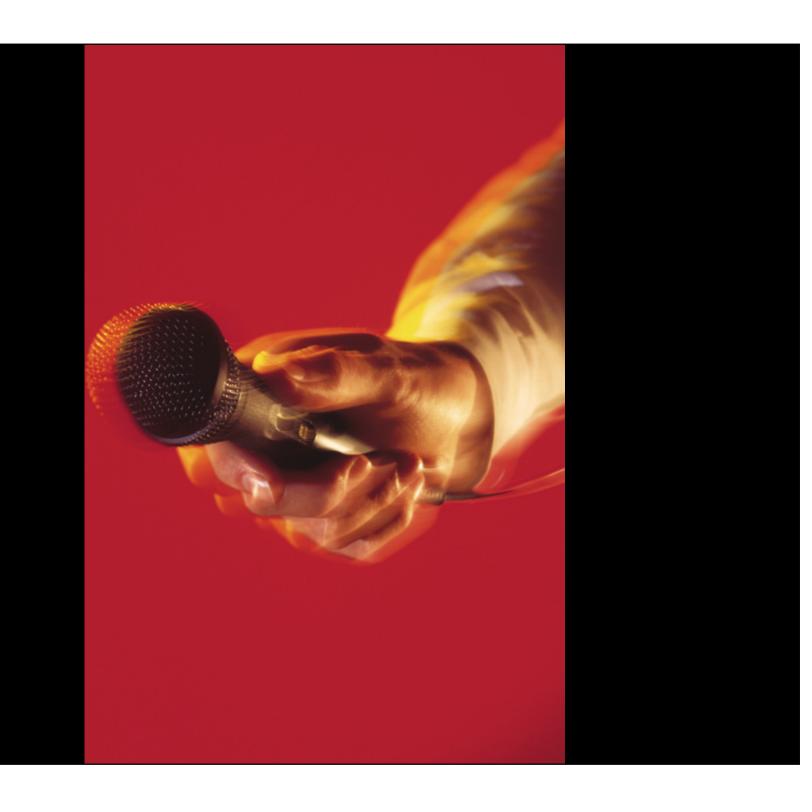
Apologies To The Artists



...the secret is to bang the rocks together, guys.



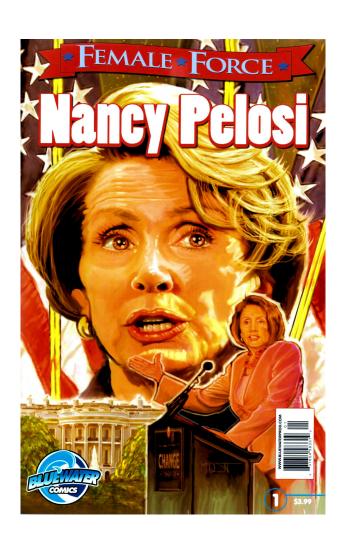




Super Hero Indicators

- Look different
- Hyphenated or compound names, often ending in "man/woman" or "boy/girl"
- Powers/Abilities far beyond ordinary mortals
- Pursue justice, defend the defenseless, overcome evil
- Must choose to be good
- Somewhat oxymoronic

Ok, So Are... Super Heroes?









OLOMON- WISDOM THE POWERS OF THE GREAT-FRCULES-STRENGTH AS-STAMINA EUS - POWER HILLES-COURAGE E CHANGE THAT MOST PEOPLE NEVER EVEN REALIZE WHAT HAS HAPPENED!

Whiz Comics Volume



- Accelerated healing
- Acid generation
- Animal mimicry
- Biological manipulation
- Body part substitution
- Bone manipulation
- Duplication (physical)
- Duplication (temporal)
- Echolocation
- Invisibility
- Invulnerability
- Kinetic absorption
- Matter ingestion

- Merging
- Pheromone manipulation
- Poison generation
- Prehensile/animated hair
- Reactive adaptation/evolution
- Self-detonation or explosion and reformation
- Sonic scream
- Superhuman breath
- Superhuman durability
- Superhuman reflexes
- Superhuman senses
- Superhuman strength

- Superhuman vision
- Night vision
- X-ray vision
- Telescopic or microscopic vision
- Wallcrawling
- Waterbreathing
- Ecological empathy
- Innate capability
- Omni-linguism
- Omniscience
- Superhuman intelligence

- Superhuman tracking
- Astral projection
- Mental projection
- Cross-dimensional awareness
- Empathy
- Mediumship
- Precognition
- Psychometry
- Telepathy
- Astral trapping
- Memory manipulation

- Mind control
- Possession
- Psionic blast
- Psychic weapons
- Animation
- Darkness or shadow manipulation
- Density control
- Disintegration
- Elemental transmutation
- Gravity manipulation
- Immortality

- Intangibility or phasing
- Light manipulation
- Magnetism manipulation
- Mass manipulation
- Microwave manipulation
- Molecular manipulation
- Probability manipulation
- Radiation manipulation
- Reality warping
- Resurrection
- Sound manipulation

- Time manipulation
- Air and wind manipulation
- Cold and ice manipulation
- Earth manipulation
- Electric manipulation
- Fire and heat manipulation
- Plant manipulation
- Water and moisture manipulation
- Weather manipulation
- Concussion beams
- Energy blasts

- Energy constructs
- Energy conversion
- Force field generation
- Electrical transportation
- Omnipresence
- Portal creation
- Summoning
- Superhuman speed
- Teleportation
- Time travel
- Cosmic energy control

Wikipedia's Super Power List 5 (can I stop now?)

- Energy aura projection
- Gravitational manipulation
- Magnetic levitation
- Molecular manipulation
- Sonic repulsion field
- Telekinetic power
- Thermo-chemical energy
- Insectoid form

- Wind current control
- Wings
- Animal morphing
- Elasticity
- Inorganic
- Liquification
- Size shifting
- Sublimation
- Substance mimicry

Super Power Methods

- Energy sourcing
- Chi
- Magical powers
- Telekinesis
- Technopathy



Planetary #1

Warren Ellis & John Cassaday

DC Comics

Super Power Interactions

- Power augmentation
- Power bestowal
- Power mimicry or absorption
- Power negation
- Power sensing



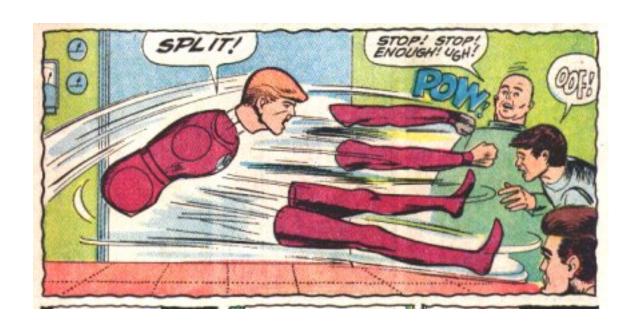
Dr. Katz (1995)

Some Are Better Than Others

- "Superpowers"
 Episode 178 (2001)
- John Hodgman asks: Power of Flight or Power of Invisibility?
- Jonathan Morris' less than great superheroes (gone-andforgotten.blogspot.com)



Captain Marvel



More

- www.manolith.com/2010/02/10/15-lamestsuperhero-powers/
- www.cracked.com/article_16547_the-7crappiest-super-heroes-in-comic-bookhistory.html

Color Kid



Bouncing Boy



Squirrel Girl



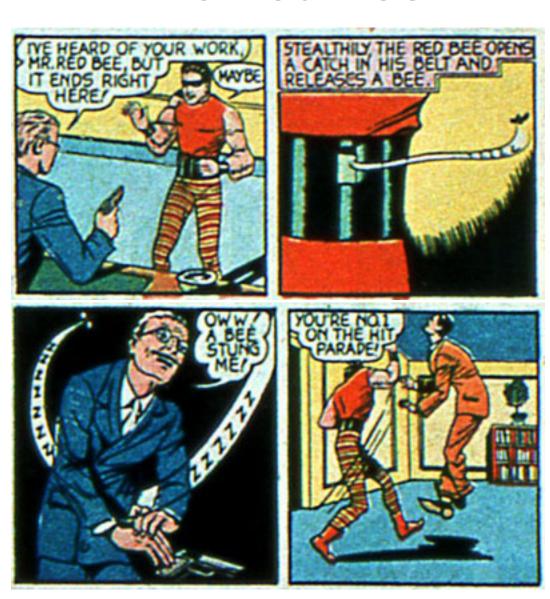








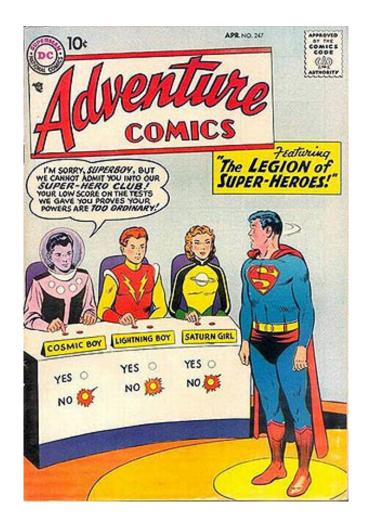
The Red Bee

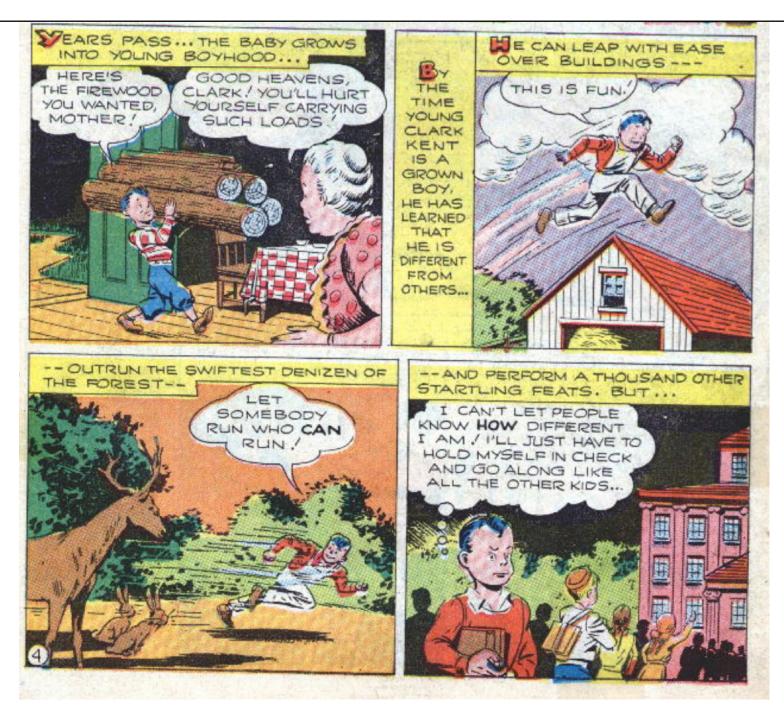


DISCOVERING AND DEVELOPING SUPER POWERS

Powerful from Birth/Childhood

- Most comfortable with their super powers later in life
- But...





More Fun Comics #101 (1945)



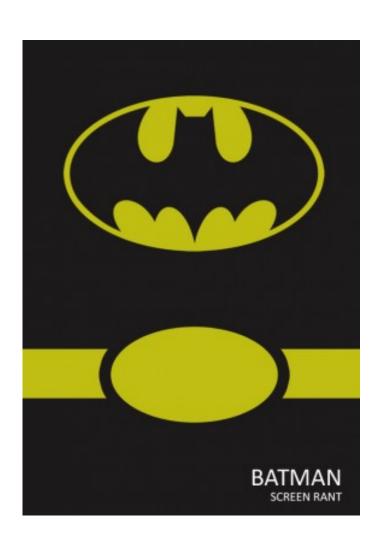
More Fun Comics #101 (1945)

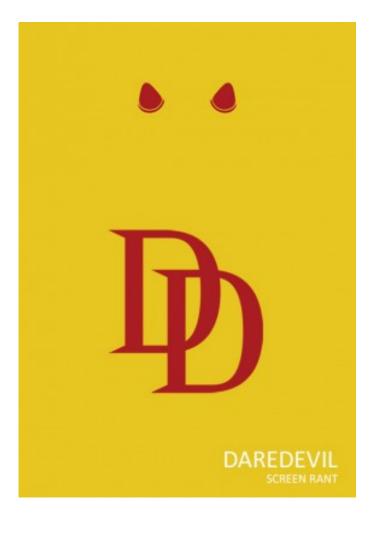
Puberty and Other Traumatic Events

- X-Men
- "Sudden Adult Onset"
- Traumatic event for transformation
 - Ideally an accident
 - Chemicals
 - Radiation
 - + Nature
- Find a cool object



Work Really Hard



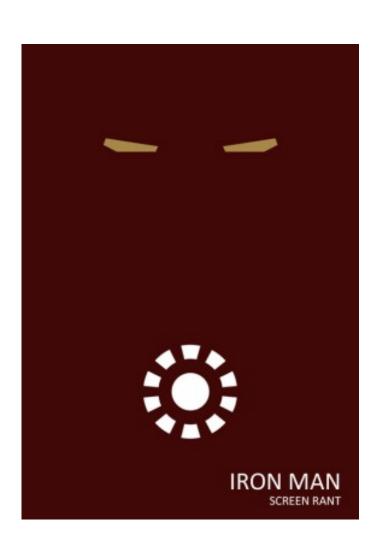


Work Really Hard 2

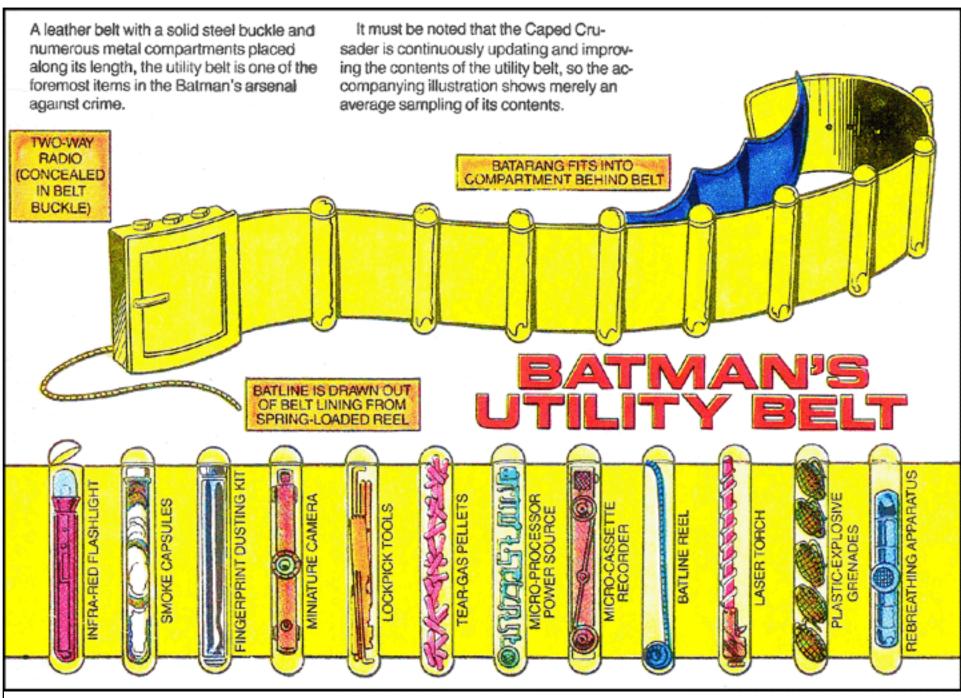




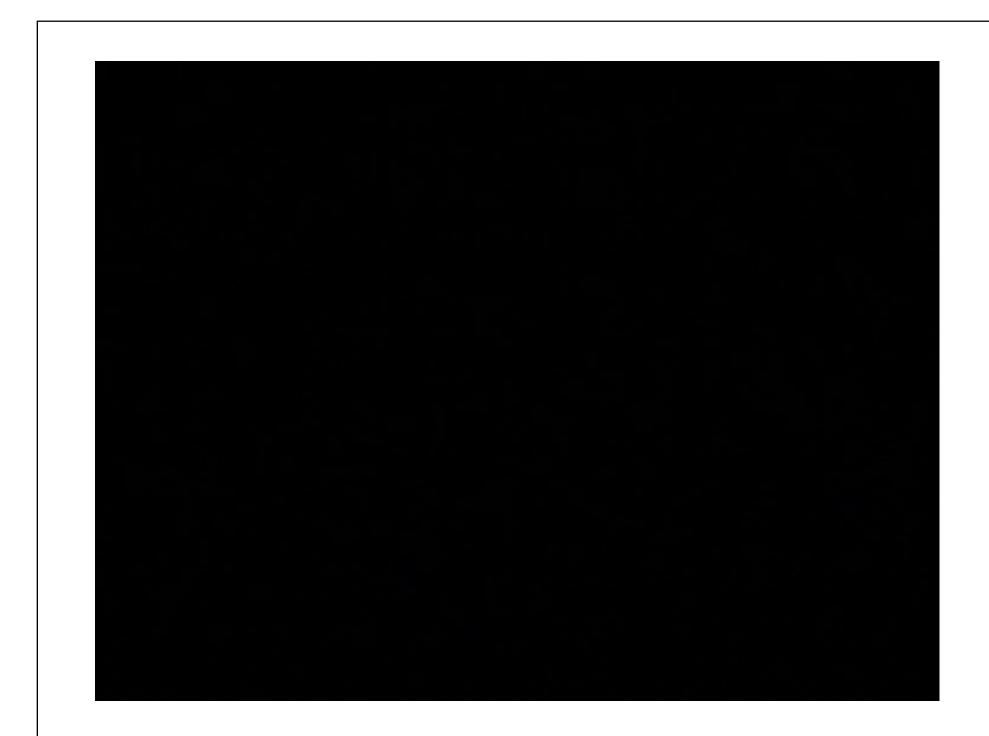
Upgrade





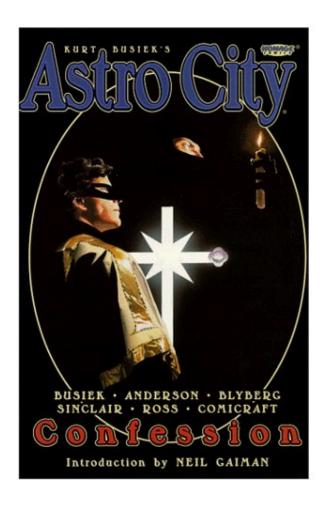


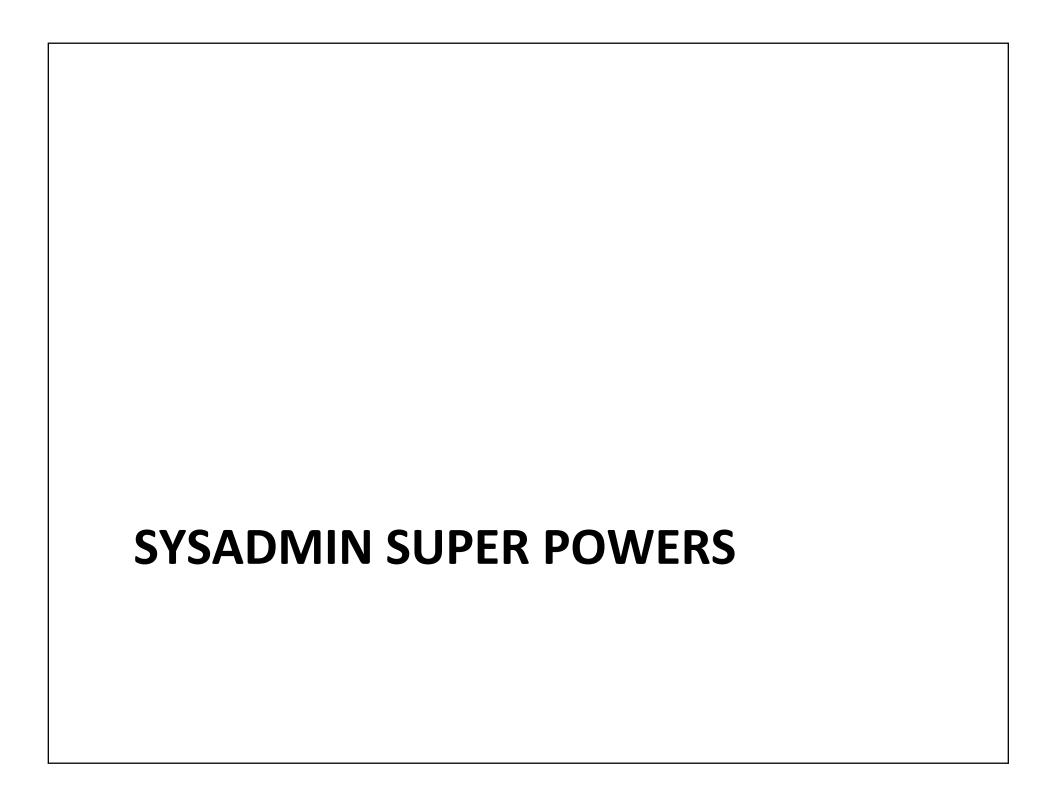
http://www.dialbforblog.com/archives/282/



Mentors

- Few and far between
- Schools (see X-Men)
- Tricky because powers don't usually transfer
- Training can be boring
- Sidekicks
 - Plot devices
 - "Problematic"
 - Safety
 - Hanging out with a teen, why?
- Promoted to a higher group
- The Time Problem





Name This Sound





Direct-A-Scan – navigates the title characters through buildings to the exact location of the villain.

Electra-Change – allows the title characters to change from their civilian clothing to the costumes of their super-powered alter-egos instantaneously.

Electra-Beam – emits a focused kinetic beam of energy that can "push" or "pull" objects much like a tractor beam that works both ways.

Electra-Degravitate – allows the title characters to defy gravity for very short distances so that they can circumvent obstacles in their path or levitate themselves to higher ground.

Electra-Force – apparently breaks steel bars. (Was not available the one time it was attempted.)

Electra-Force Shield – is essentially a force field used to detain villains once they've been caught. The shield was also used defensively as a protective barrier that can shield against physical and energy attacks.

Electra-Freeze – lowers the temperature of the target to below freezing.

Electra-G – increases the weight of the target.

Electra-Split – replicates target to create a copy. Both objects are left in an unstable state and does not work on human beings.

Electra-Strobe – speeds the wearer's motions, thoughts, and actions 10,000 times faster than normal.

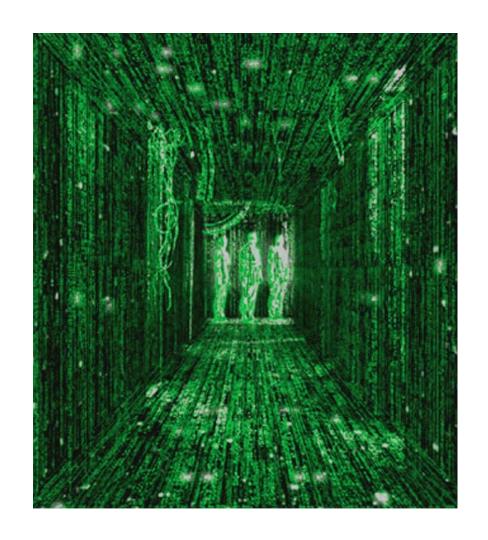
Electra-Vibe – creates a localized sonic field that can shatter glass or disorient an opponent who is not equipped with earplugs.

Electra-Vision – emits a blindingly bright light, turning night into day.

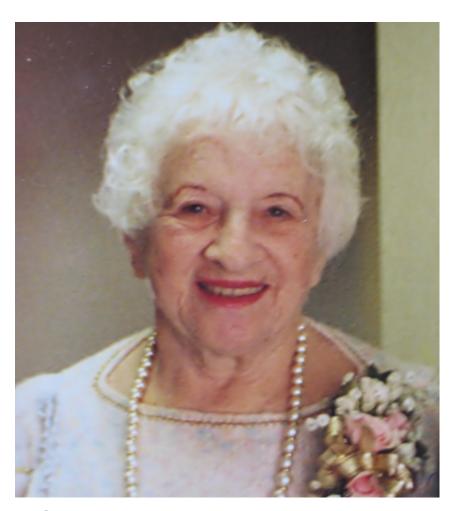
Electra-X – is a portable X-ray that reveals target's skeleton or identity beneath disguise.

Technology Gives Us Super Powers

- GPS
- App Store
- "Powers far beyond those of mortal men..."

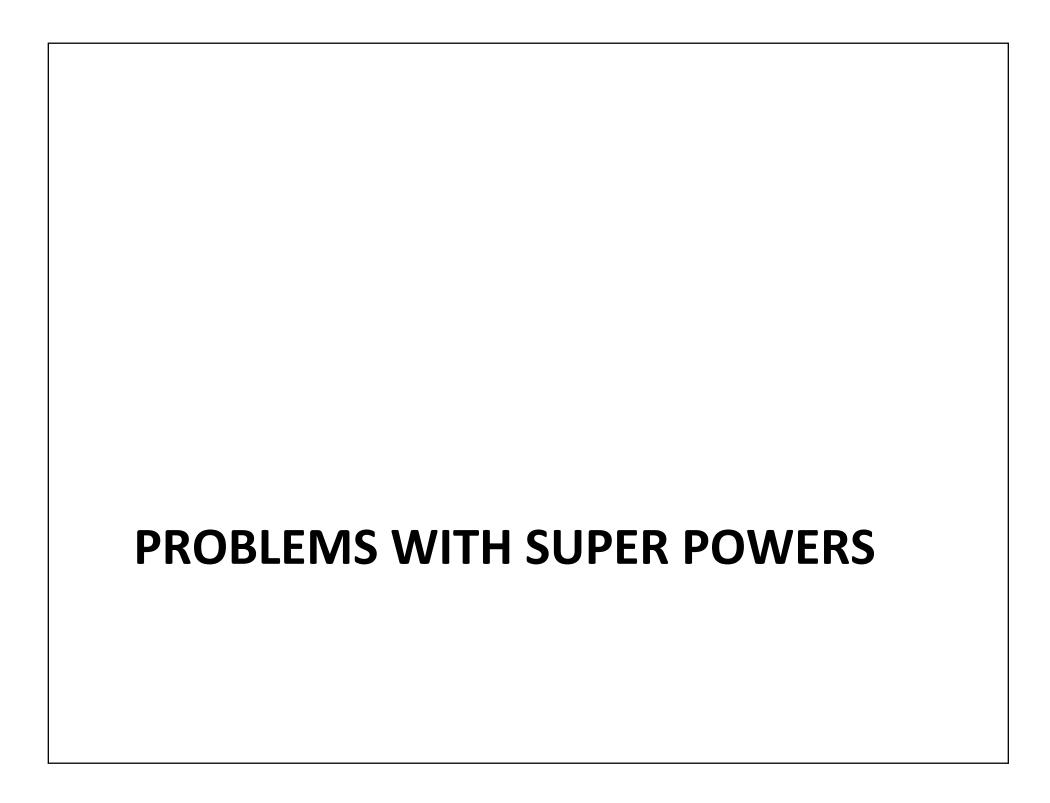


Contextual





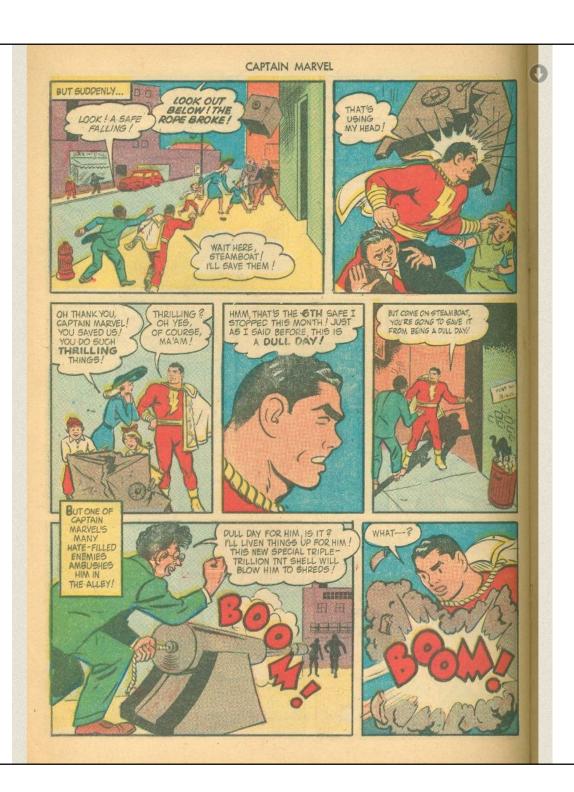
Sylvia Breitman Abrams September 8, 1911—July 5, 2003



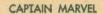
Does it Get Boring?



Whiz Comics Volume 8, No. 46 (1945)



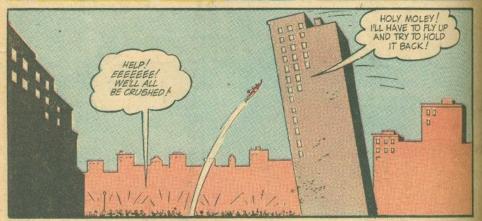


















If You Seek Power...

- "As an almost universal rule, any time an existing character receives a dramatic upgrade in power in a short space of time, it leads to disaster."
 - Alex Benton
- Dr. Doom



Other Problems

- Powers can get out of control
 - Dark Phoenix
 - Hulk
 - Captain Hero
 - Facebook 9/23/10?
- Powers fail randomly
 - Not a persistent trait
 - Spiderman
- "What does superman do between phone booths?"
 – Ken Kesey



Not So Good for the Spouse



My Hero (2000)

Not So Good for the Spouse

- Man of Steel, Woman of Kleenex by Larry Niven (1971)
- "Frequently the roll of the human spouse is to die, usually horribly, to motivate the hero."
 - Alex Benton
- Gail Simone's *Women In Refrigerators* site (1999)

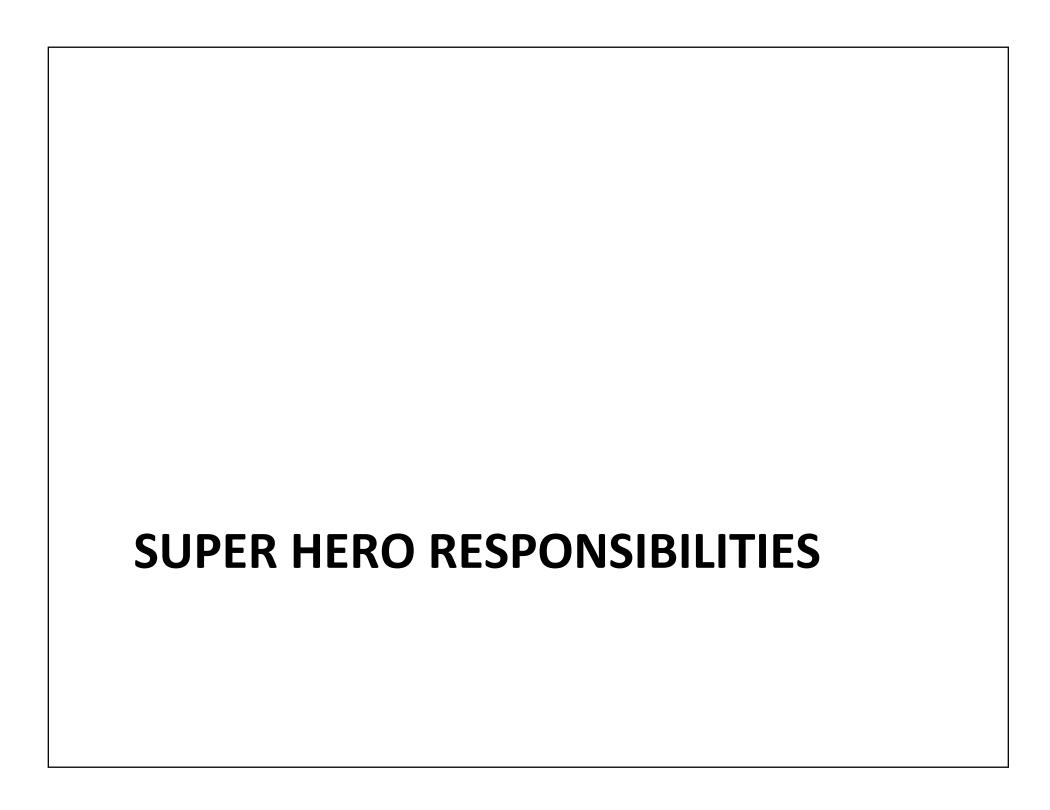
- All of Savage Dragon's girlfriends (dead)
- Alysande Stuart (dead)
- Amethyst (blinded, merged with Gemworld, destroyed in LSH; became a power-hungry witch in Book of Fate)
- Apparition (one of her three bodies dead, soul bound to boyfriend)
- Aquagirl (dead)
- Arisia (dead)
- Aurora (Multiple Personality Disorder, depowered)
- Batgirl I (paralyzed)
- Batwoman (dead)
- **Betty Banner** (abused, changed into a harpy, multiple miscarriages, dead)

Welcome to Superhero Ethics

- Morally tricky
- "For the vast majority of people, the most heroic thing they could do if ever presented with Superman-like powers would be to immediately reject them."

 Slashdot comment by elrous0
- "Superman can be almost anywhere on earth in an eye blink. So how can Superman allow ongoing crime? Terrorism? Starvation in Africa? Anybody anywhere being sad?"
 - Alex Benton





With Great Power...

- Do you have to use it?
- "Power without selfdiscipline is either just wasted, or it's dangerous."
 - Jeph Loeb and Tom Morris



"...we ourselves should exercise great care if we are ever tempted to put on bright tights and a mask and call ourselves by a different name. Every mask leaves an impression on the person who wears it. And any mask may eventually become more of a reality than we ever imagined. Who we are is always a matter of how we act. And what we become is the result of the activities we engage in day to day."

Tom Morris in Superheroes and Philosophy

THE SYSTEM ADMINISTRATORS' Code of Ethics

We as professional System Administrators do hereby commit ourselves to the highest standards of ethical and professional conduct, and agree to be guided by this code of ethics, and encourage every System Administrator to do the same.



PROFESSIONALISM I will maintain professional conduct in the workplace and will not allow personal feelings or beliefs to cause me to treat people unfairly or unprofessionally.

PERSONAL INTEGRITY I will be honest in my professional dealings and forthcoming about my competence and the impact of my mistakes. I will seek assistance from others when required.

I will avoid conflicts of interest and biases whenever possible. When my advice is sought, if I have a conflict of interest or bias, I will declare it if appropriate, and recuse myself if necessary.

PRIVACY I will access private information on computer systems only when it is necessary in the course of my technical duties. I will maintain and protect the confidentiality of any information to which I may have access, regardless of the method by which I came into knowledge of it.

LAWS AND POLICIES I will educate myself and others on relevant laws, regulations, and policies regarding the performance of my duties.

COMMUNICATION I will communicate with management, users, and colleagues about computer matters of mutual interest. I will strive to listen to and understand the needs of all parties.

SYSTEM INTEGRITY I will strive to ensure the necessary integrity, reliability, and availability of the systems for which I am responsible.

I will design and maintain each system in a manner to support the purpose of the system to the organization.

EDUCATION I will continue to update and enhance my technical knowledge and other work-related skills. I will share my knowledge and experience with others.

RESPONSIBILITY TO COMPUTING COMMUNITY I will cooperate with the larger computing community to maintain the integrity of network and computing resources.

SOCIAL RESPONSIBILITY As an informed professional, I will encourage the writing and adoption of relevant policies and laws consistent with these ethical principles.

ETHICAL RESPONSIBILITY I will strive to build and maintain a safe, healthy, and productive workplace.

I will do my best to make decisions consistent with the safety, privacy, and well-being of my community and the public, and to disclose promptly factors that might pose unexamined risks or dangers.

I will accept and offer honest criticism of technical work as appropriate and will credit properly the contributions of others.

I will lead by example, maintaining a high ethical standard and degree of professionalism in the performance of all my duties. I will support colleagues and co-workers in following this code of ethics.

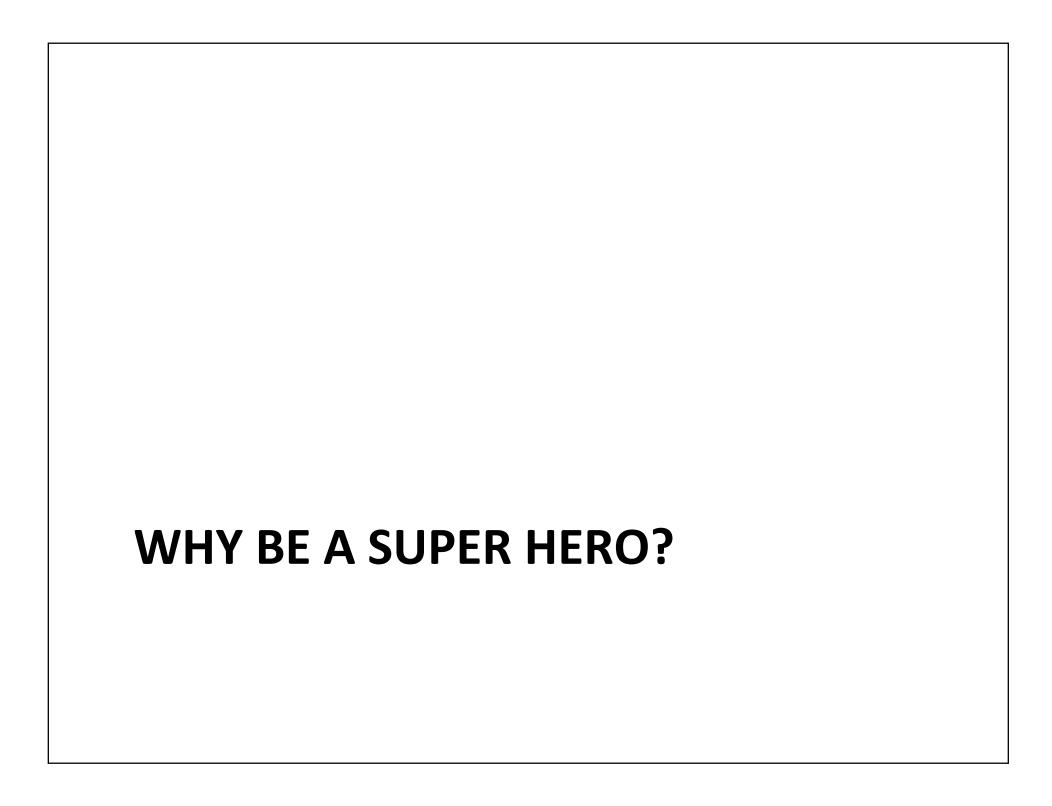






"Choose for yourself a moral hero whose life, conversation, and expressive face all please you, then picture him to yourself at all times as your protector, and as your ethical pattern."

- Seneca



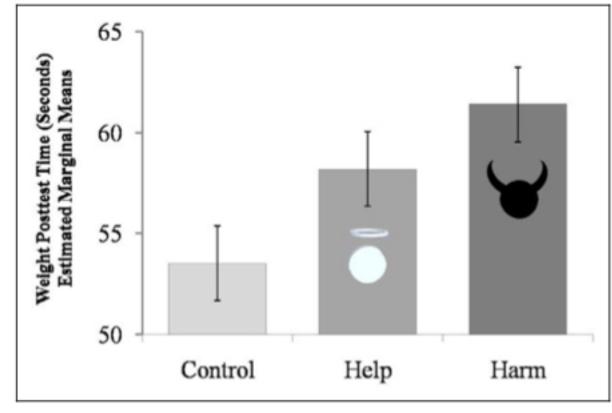
Studies Show...

Moral Tra Evil Turn

Kurt Gray^{1,2}

Abstract

Moral transformation personal strength. The sically more powerful weight longer when a donating to charity. The embodiment of meto experience. Implicit



ogical and ence

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rol, tenacity, and evil become phyt 2, people hold a grip longer after on is explained as and less sensitive

Figure 1. Weight holding while writing about getting work done (control), helping another, or harming another (Experiment 2)

If It Is A Calling

Research on the effects of approaching work as a calling is only now emerging. So far, this research has yielded generally consistent results: people who approach their work as a calling tend to report higher levels of positive characteristics (e.g. life and job satisfaction, work commitment) and lower levels of negative characteristics (e.g. stress and depression) compared to people with other approaches to work (see DIk and Duffy), This is the case despite the fact that people are pursuing ends other than their own individual comfort of happiness.

– Bryan J. Dik, Ph.D.

To Fight The Good Fight

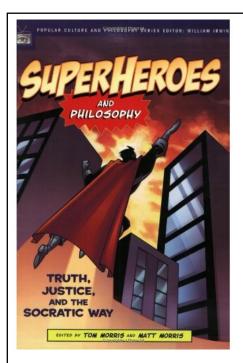


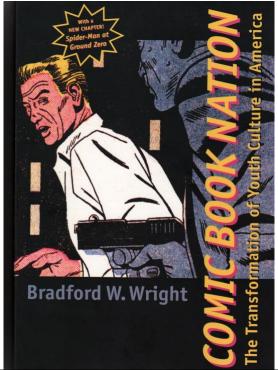


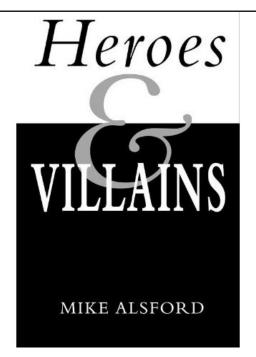
Last Thought

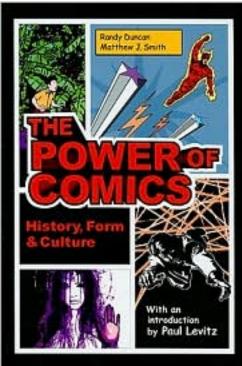
Our deepest fear is not that we are inadequate. Our deepest fear is that we are powerful beyond measure. It is our light, not our darkness that most frightens us. We ask ourselves, Who am I to be brilliant, gorgeous, talented, fabulous? Actually, who are you *not* to be?...Your playing small does not serve the world.

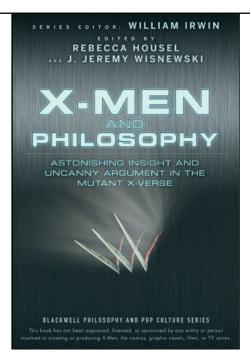
Marianne Williamson





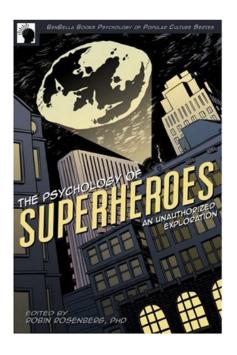


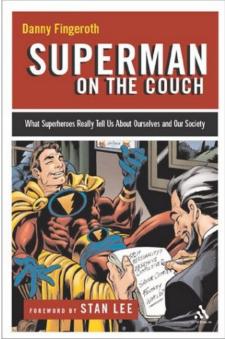


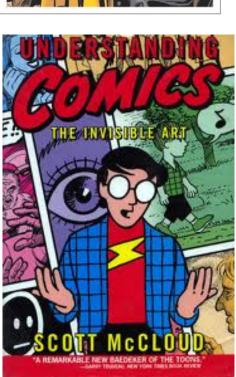


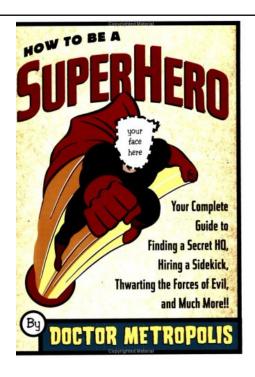


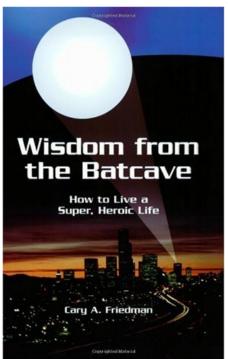


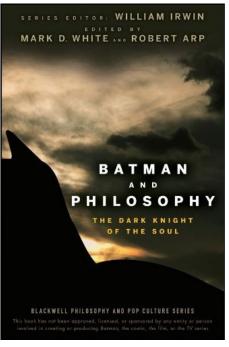












Many Thanks To...

- Alex Benton
- Michael Burke



- Eric Jaskolka
- Ethan Wattral

