

How the Internet of Things Can Enhance the Career Development of People

Dr. Deb Osborn
dosborn@fsu.edu

NCDA Career Practitioner Institute, March 2015
Albuquerque, NM

Internet of Everything



CISCO defines IoE

Bringing
together...

Employment status of the civilian population by sex and age

Employment status, sex, and age	Not seasonally adjusted			Seasonally adjusted ⁽¹⁾					
	Feb. 2014	Jan. 2015	Feb. 2015	Feb. 2014	Oct. 2014	Nov. 2014	Dec. 2014	Jan. 2015	Feb. 2015
TOTAL									
Civilian noninstitutional population	247,085	249,723	249,899	247,085	248,657	248,844	249,027	249,723	249,899
Civilian labor force	155,027	156,050	156,213	155,688	156,243	156,402	156,129	157,180	157,002
Participation rate	62.7	62.5	62.5	63.0	62.8	62.9	62.7	62.9	63.0
Employed	144,134	146,552	147,118	145,301	147,260	147,331	147,442	148,201	148,000
Unemployed-population	58.3	58.7	58.9	58.8	59.2	59.2	59.2	59.2	59.2
Unemployed-population	10,899	10,899	10,899	10,899	10,899	10,899	10,899	10,899	10,899

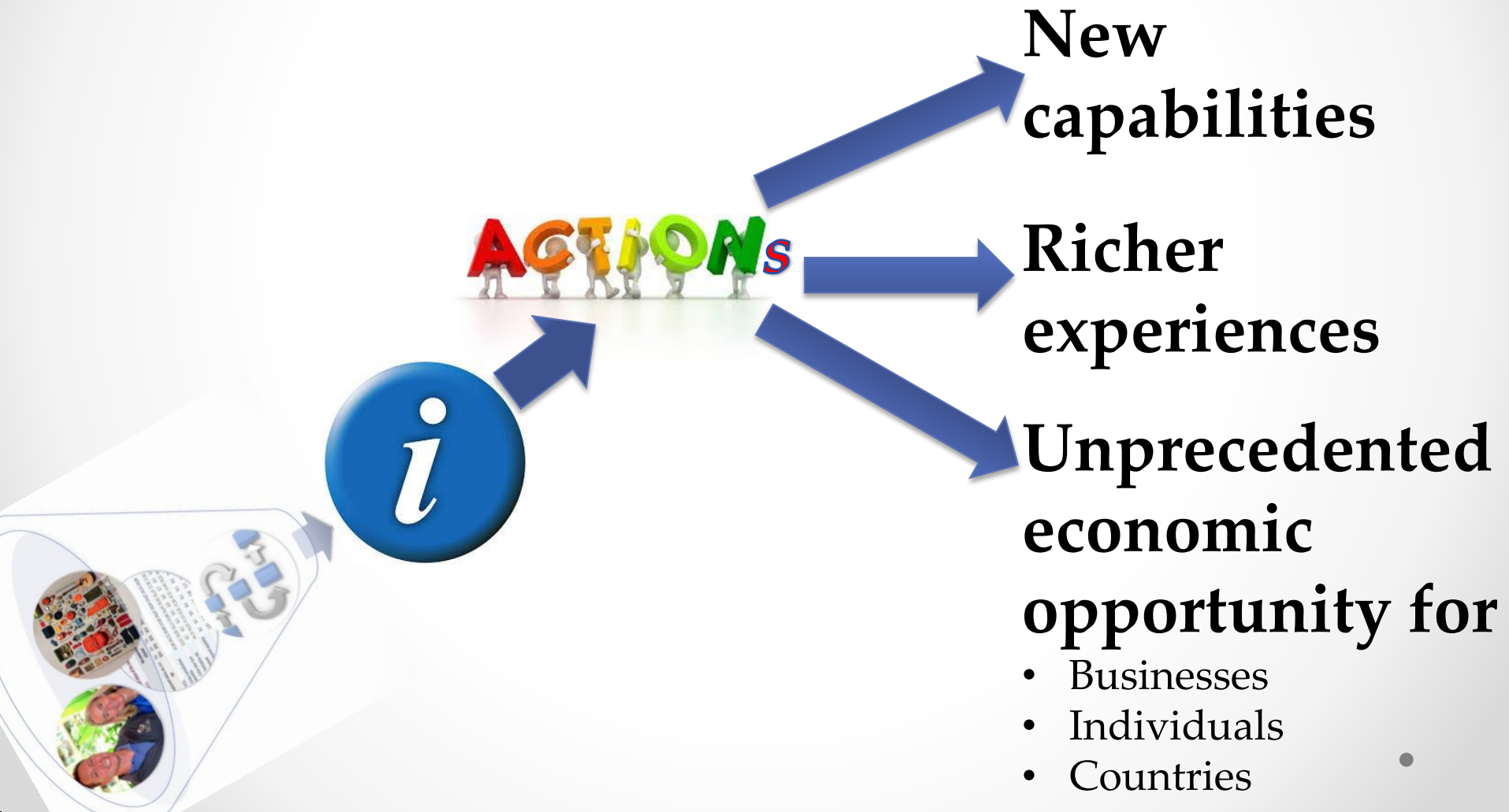


To Make Networked Connections...



...More relevant & valuable

To turn information into actions that create...



Applied to Career Development?



We...



Bring
together...

...ent status of the civilian population by sex and age

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Employed	144,134	146,552	147,118	145,301	147,260	147,331	147,442	148,201	148,000
Unemployed	11,100	9,500	9,100	10,387	9,983	9,071	8,687	8,979	9,002
Unemployment-population	58.3	58.7	58.9	58.8	59.2	59.2	59.2	59.2	59.2

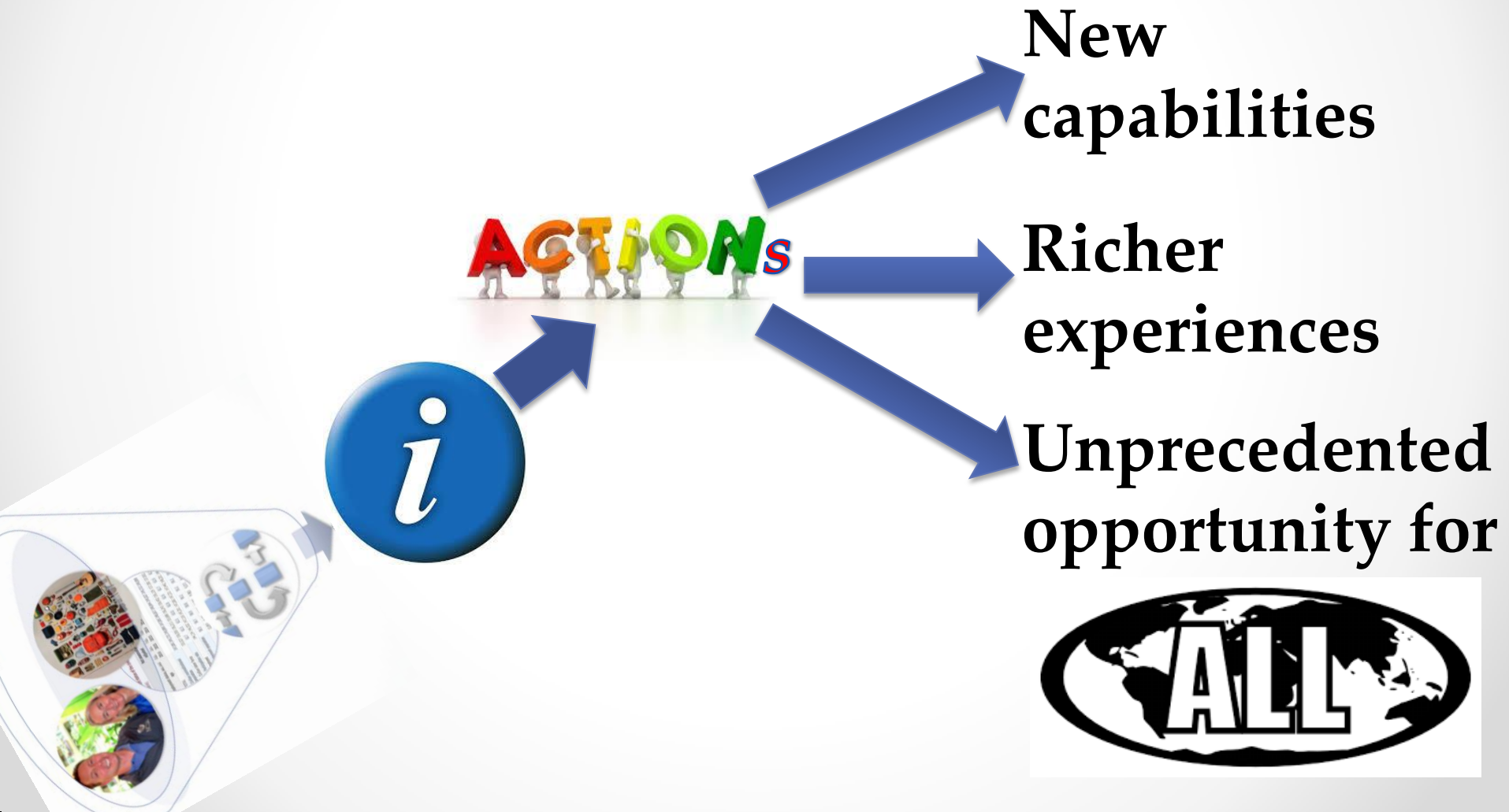


To Make Networked Connections...



...More relevant & valuable

To turn information into actions that create...



How?

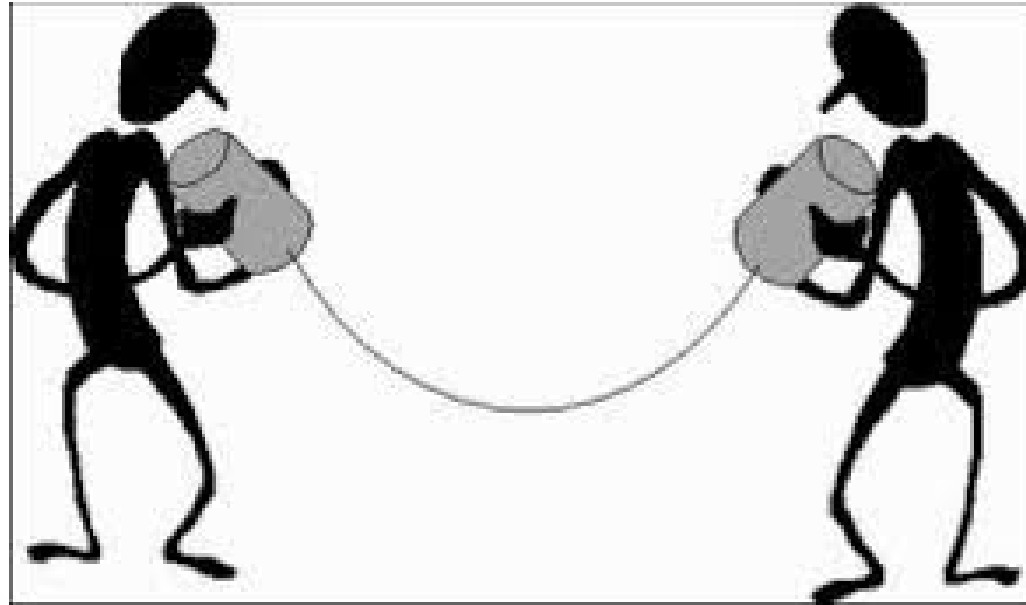
Career Decision Making

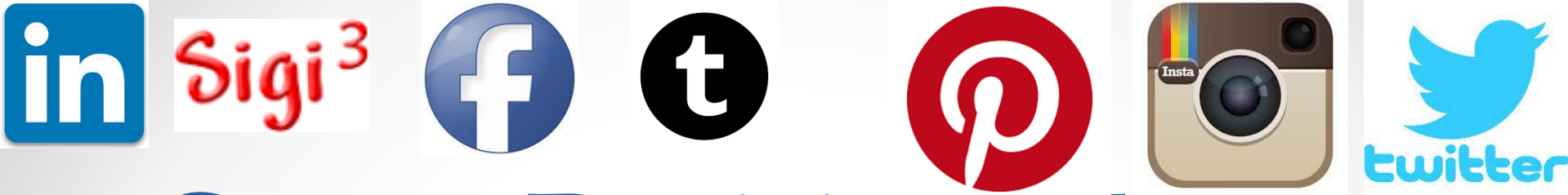
- Talk therapy
- Assessments
 - Standardized
 - Non-standardized
- Informational Interviews
- Journal
- Shadowing
- Research
- Decision Making Guides

Job Search

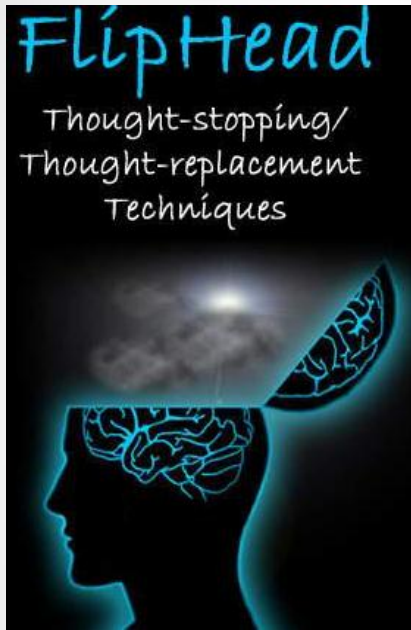
- Networking
- Resume-writing
- Researching Companies
- Mock Interviewing
- Elevator Speech
- Dress for Success
- Accessing the Hidden Market

Technology Gives Us More Tools





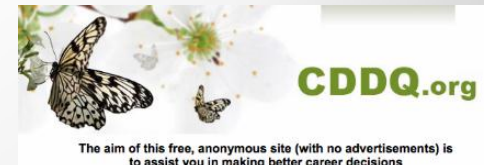
Career Decision-Making



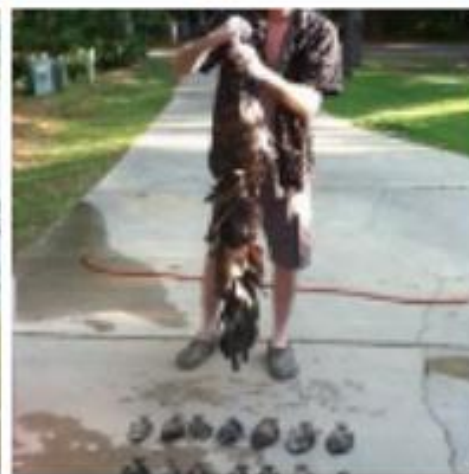
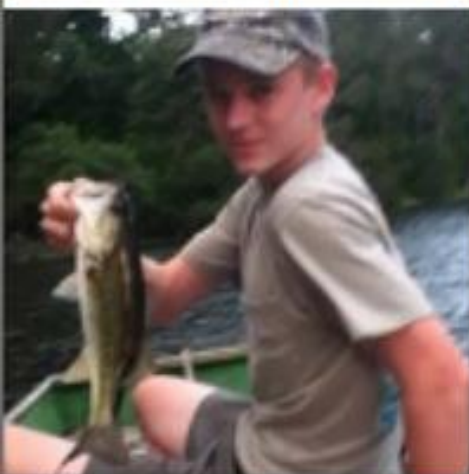
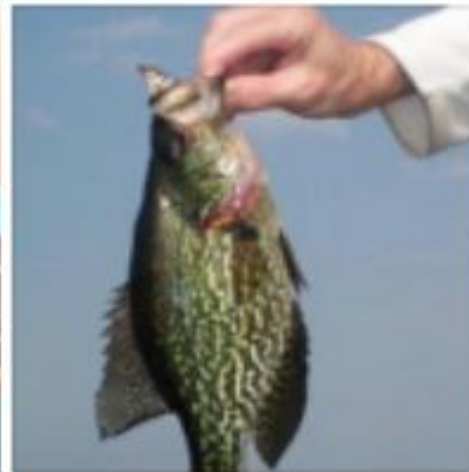
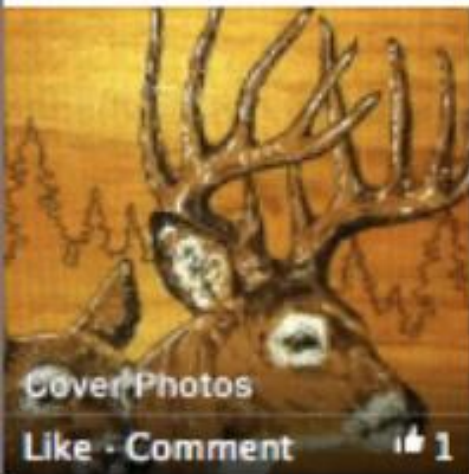
<http://tinyurl.com/CIP-theory>



<http://acrn.ovae.org/decision.htm>



Using Facebook: Holland Type?





TODAY'S BIRTHDAY
Mariah Carey



VIDEO
William Shakespeare



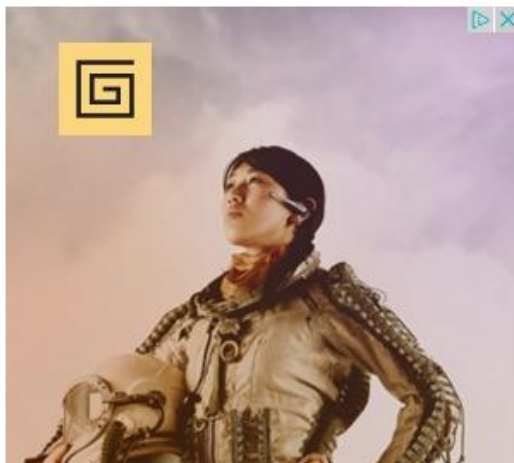
Bill Gates Biography

(1955–)

Entrepreneur Bill Gates founded the world's largest software business, Microsoft, with Paul Allen, and subsequently became one of the richest men in the world.



Bill Gates - Mini Biography (TV-14; 03:42) Bill Gates and his partner Paul Allen built the world's largest software business, Microsoft. He became one of the richest men in the world and a major philanthropist through the Bill &



Paste in a bunch of text:

Bill Gates was born William Henry Gates III on October 28, 1955, in Seattle, Washington. Gates began to show an interest in computer programming at the age of 13 at the Lakeside School. He pursued his passion through college. Striking out on his own with his friend and business partner Paul Allen, Gates found himself at the right place at the right time. Through technological innovation, keen business strategy and aggressive business tactics, he built the world's largest software business, Microsoft. In the process, Gates became one of the richest men in the world.

Bill Gates grew up in an upper middle-class family with two sisters: Kristianne, who is older, and Libby, who is younger. Their father, William H. Gates Sr., was a promising, if somewhat shy, law student when he met his future wife, Mary Maxwell. She was an athletic, outgoing student at the University of Washington, actively involved in student affairs and leadership. The Gates family atmosphere was warm and close, and all three children were encouraged to be competitive and strive;

OR

Enter the URL of any blog, blog feed, or any other web page that has an Atom or RSS feed.

1. ADMIT YOU'RE STUCK

This is the critical first step. And each time we get stuck, it's a little different. There are changes at home. Challenges at work. A relationship that needs some attention. Realizing we're stuck opens the door to possibilities. Intrigued? Here's our take on *why getting stuck is good for you*



2. FIGURE OUT HOW YOU'RE STUCK

Through a series of questions and answers, the Unstuck app pinpoints the type of stuck moment you're in. Today you might be acting like a fuzzy forecaster, but in a different stuck moment, you could behave more like a deflated doer.

Are you acting like a...

Select one to learn more	TUNNEL VISIONARY Do you need to take your blinders off?	DEFLATED DOER Has your inspiration gone missing?	DRIFTER What's next on your agenda?
WAFFLER Are you ricocheting between choices?	RELUCTANT ADAPTER Are you unsure how a change affects you?	IDLE ACHIEVER Have the details gotten away from you?	FUZZY FORECASTER Why can't you see your plan clearly?
AD LIBBER Are you faking it instead of making it?	PERPLEXED PLANNER How come what usually works isn't working?	LONE LEADER Are you trying to do too much yourself?	AVOIDER What do you keep putting off?

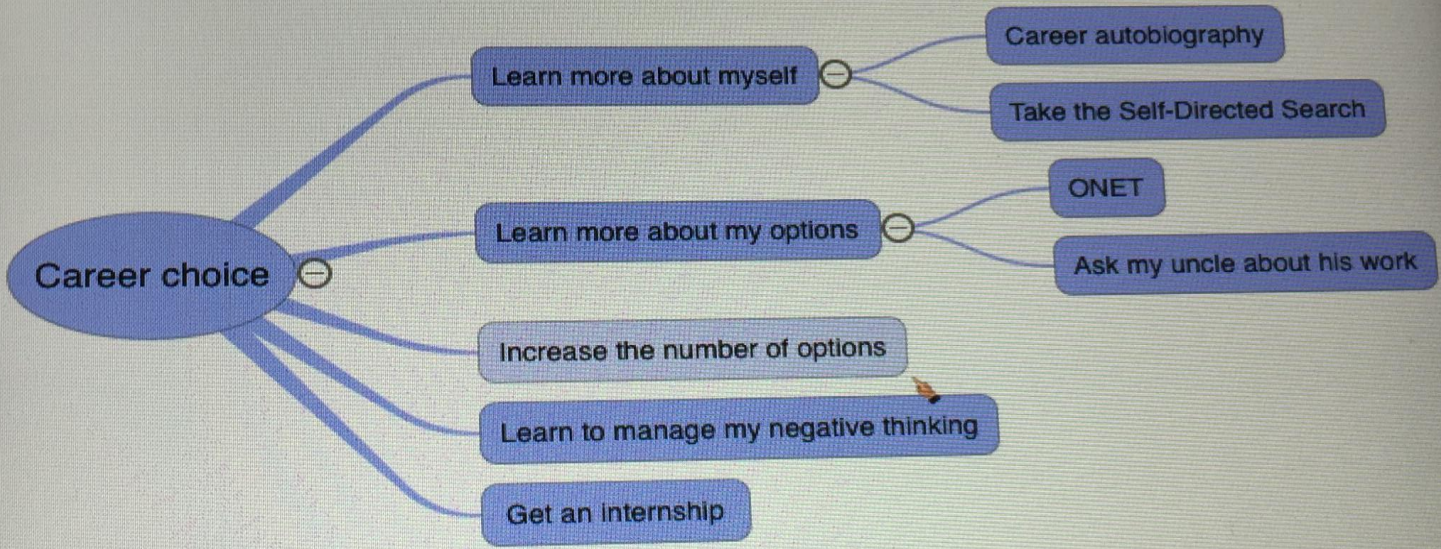
Use the app to diagnose your stuck moment

3. TAKE ACTION TO GET UNSTUCK

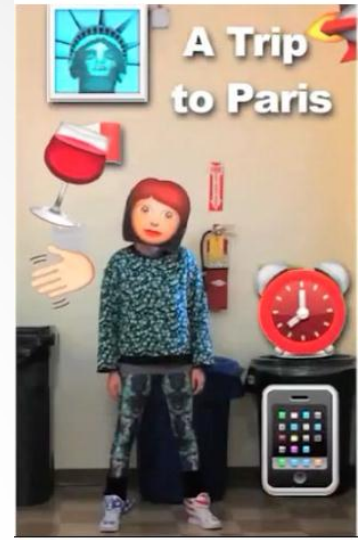
Sometimes, knowing how we're stuck is enough to get us going. Other times, we need more. Unstuck provides a wealth of tips in the app and on our [blog](#) to inspire action. The app also provides

Unstuck





SnapChat & Vine



PaperFashion
16h ago



The marionette comes to life... 🎵 Ella and Kit by Patrick Doyle 🎵





Job Searching



Career Guides

General Employment Strategies

- > [Building Your LinkedIn Presence](#)
- > [Creating a Career Objective](#)
- > [Dressing to Impress](#)
- > [Negotiating Job Offers](#)
- > [Preparing for a Career Fair](#)
- > [The First Job Interview](#)
- > [Preparing for a Telephone Interview](#)
- > [Preparing for your Second Interview](#)
- > [Researching Potential Employers](#)
- > [The First Job Interview](#)
- > [Using Proper Etiquette](#)
- > [Using the Internet in Your Job Search](#)
- > [Writing Effective Letters](#)
- > [Writing a Resume](#)

Targeted Employment Strategies

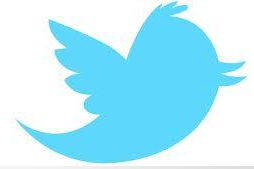
- > [Finding a Summer Job](#)
- > [Interviewing for a Faculty Position](#)



careerECO
virtual career fairs
the new career ecosystem



Top 100 Pinterest Boards for Job Search



Status Update:

"Cisco just offered me a job! Now I have to weigh the utility of a fatty paycheck against the daily commute to San Jose and hating the work."

--Connor R.



More Twitter Advice

- Include elevator speech in your bio.
- Include links to your resume, blog, Linked In.
- Set up job search alerts
 - Tweetmyjob, twitjobsearch
- Advanced Twitter search
 - #jobs #engineering FL
- Be follow-worthy
 - Tweet often (but not too often)
 - Be relevant
 - Mentions, retweets

Results for #jobs #engineering FL

Top / All / People you follow



VA Careers @vacareers

20h

What do you like most about being Health Care Professional? Now, match that with a rewarding career. vacareers.va.gov

Promoted by VA Careers

Expand



Engineering jobs @jobz4engineers

7h

#jobs4u #jobs Computer Electronics Engineering and Technology - Adjunct, [Lake Mary, #FL] bit.ly/1eOLkxt #engineering

Expand



Engineering jobs @jobz4engineers

18h

#jobs4u #jobs SCIENTIFIC/ENGINEERING PROGRAMMER, [Pinellas County, #FL] bit.ly/14g5zxp #engineering

Expand



Engineering jobs @jobz4engineers

18h

#jobs4u #jobs Sr Manager Design Engineering, [Saint Petersburg, #FL] bit.ly/1gveH3w #engineering

Expand

Sample P*interest Board

Career Decision Making

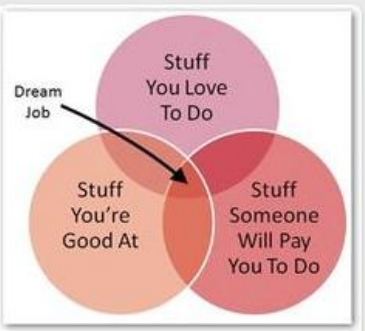
Board metadata: Deb Osborn, Invite, 7 Pins, 13 Followers, Move Pins, Edit Board, and menu options.

Placeholder for a pin with an "Add a Pin" button.



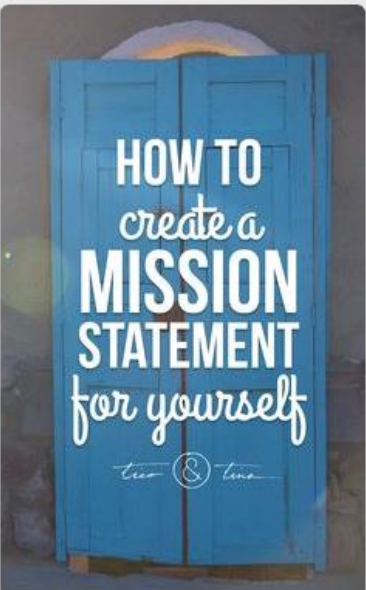
While the website is not being maintained, the "tool" still works, based off of Cognitive Information Processing Theory. Use the tool: acnr.ovae.org/...

Uploaded by Deb Osborn



The Great Convergence of Academic and Career Advising - Josh Morrison, Indiana University

Pinned from studentaffairscollective.org



from Tico & Tina
How to Create a Mission Statement for Yourself - Tico & Tina

Mission statements aren't only for businesses. Learn how to create a mission statement for yourself to get more focused, get more efficient, and make decisions easier.



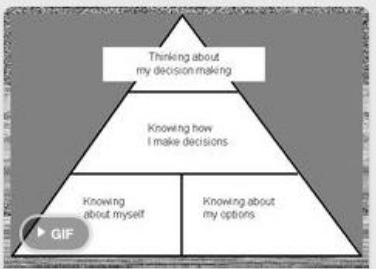
Choosing a career path can be one of the most exciting and frustrating things ever.

Pinned from weddingphotography.com.ph

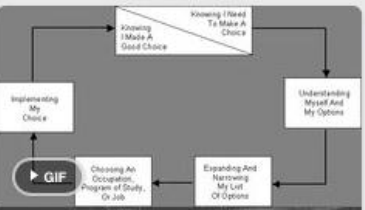


Free career decision making tools created by Dr. Itamar Gati at Hebrew University.

Pinned from kivunim.huji.ac.il



What's Involved in Career Choice Diagram. More detail at the 1st link at www.career.fsu.edu...



What's Involved in Career Choice Diagram. More detail at the 1st link at www.career.fsu.edu...

Pinned from career.fsu.edu



I'mAgo

Agostino Biagiarelli
+39 339 8860738
agostino.biagiarelli@imgo.com

Work

- 2012 Graphic Designer @ Smartbox Italia
- 2010 Business owner @ Oct snc
- 2005

Study

- 2012 LIS 101 GNU/Linux Certificate IF Level Tech @ Unichell Italia
- 2011 Adobe Flash - Elements @ Po Academy, Rome
- 2006 Degree in Sculpture 110/110 @ Accademia di Belle Arti di Roma
- 2005 Degree Studio Photography @ Scuola Romana di Fotografia
- 2002 Take a look in Economics @ Università Roma 2 Tor Vergata
- 2000 Secondary School Graduation 97/100 @ Liceo Scientifico Nomentano, Rome



Advertising BTL
Publishing
Illustration
Infographics
Photography
Branding
Photo Editing



Skills

Apple, Linux, Ps, Ai, Id, Ft

Intuition
Vision
Control
Kilobits
Deadline
Plan
Strategy
Produce
Time
Problem
solving
Independent

P*interest Resumes

JESSICA HARLEY
jessica@jessharley.com

DIFF in Web Design & Interactive Media
Art Institute of Austin, Austin TX

United States Army
Hollywood Jewell Theatres
McDonalds

JUST JESS HARLEY

RECENT PROJECTS
jessharley.com
doomsday-now.com

ACCOLADES
Dean's list Summer 2011
Dean's list Winter 2012
Web Design Club
Student Ambassador
Medal of Achievement

MODS
Kinetic Type Illustration Paint Tool 5fl
Photo Touch Up Microsoft Office Manga Studio EX4

MICHAEL MAHLE
COMMUNICATIONS PROFESSIONAL

EXPERTISE
PUBLIC RELATIONS
MARKETING
CORPORATE STRATEGY
ADVERTISING
SOCIAL MEDIA
INTERNATIONAL COMMUNICATIONS

EDUCATION
Northern Arizona University
B.S. Public Relations
Institute of Culinary Education
Culinary Management Degree
Sensory Certificate

KNOWLEDGE RESTAURANT GROUP
ZAGAT SURVEY
JUVENILE DIABETES RESEARCH FOUNDATION (JDRF)

SKILLS
MS Office Suite
Basic HTML
Adobe Photoshop
Adobe Illustrator
Public Speaking
Event Planning
Teamwork
Self-motivated
(All negotiable)

WHO I KNOW
Tom Logan
James Biagiarelli
Kathie Kahl

EXPERIENCE COUNTS. WE'VE SERVED 200 TECHNOLOGY COMPANIES

What does Keith offer?

Home, Social Media, Clients, About, Career, Blog, Mentoring, Services

Ideal! Tools of the Creative Strategist

CMOs are becoming COOs... Chief Curating Officers. Need one?

Interested in his list of clients?

Were clients happy with his work?

What are his business associations?

What are his personal associations?

What's his childhood background?

Resume 2012 by AGOSTINO Biagiarelli, via Behance
27 repins 5 likes

Dan Diacon infographic
10 repins

Pinnaed by Bex Petro from dandiacon.com

Infographic Curriculum Vitae by Tania Bakkes, via Behance
26 repins 6 likes

Curriculum Vitae 2012 by -Eklosion on deviantART
20 repins 4 likes

Pinnaed by Bex Petro from eklosion.deviantart.com

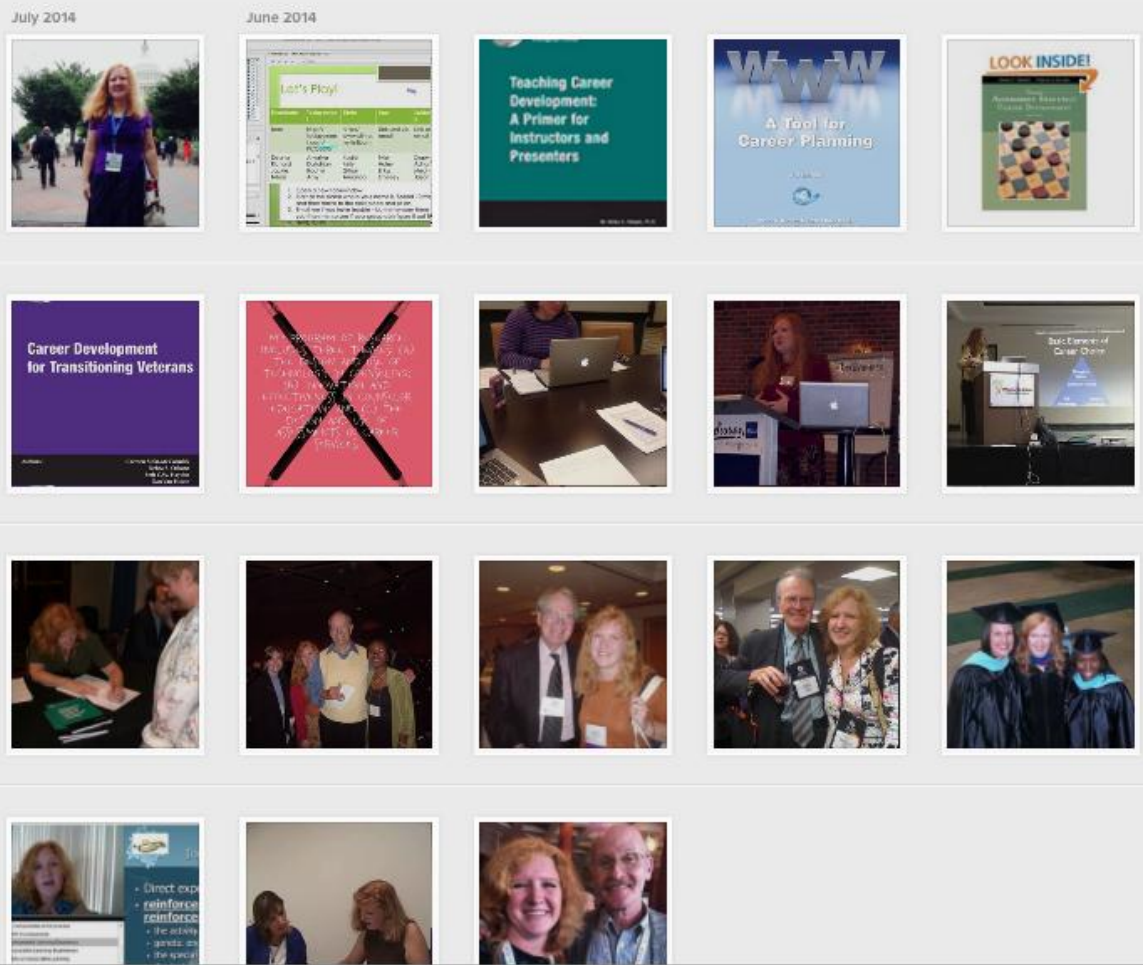


debosborn_counselor_educator

Deb Osborn Counselor educator who aims to inspire students to explore the use of technology to enhance and expand counseling services to all.
<http://www.linkedin.com/in/debosborn>

Edit Profile

18 posts 34 followers 28 following



Instagram Example

Irish Pub Only Accepts Job Applications Through Snapchat

Posted Jun 30, 2014 by [Cat Zakrzewski \(@Cat_Zakrzewski\)](#)



At one pub in Ireland, applying for a staff position is actually a snap.

Sober Lane, [which is opening a new Dublin location in July](#), is only accepting applications through Snapchat, the app that allows users to send impermanent pictures and videos to their friends.

Snapchat



TOP 10 BRANDS USING SNAPCHAT

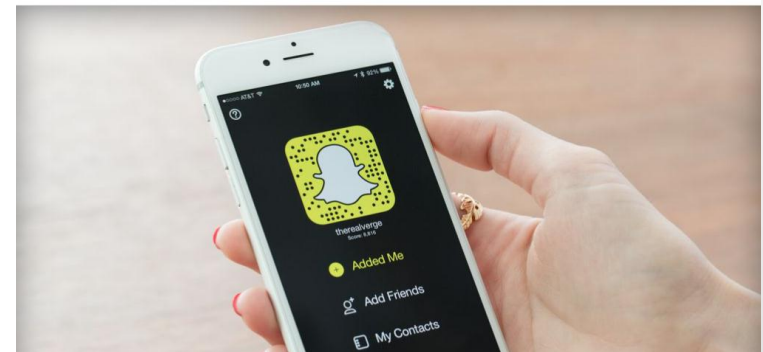
Taco Bell:	@tacobell
Karmaloop:	@karmaloop.com
iHop:	@ihoprestaurant
Intel:	@intel_inside
WWE:	@wwe
Philadelphia Zoo:	@philadelphiazoo
American Apparel:	@americanapp
Acura:	@acura_insider
16 Handles:	@Love16Handles
American Eagle:	@OfficialAEO

Snapchat starter pack: the 10 accounts you should follow

COMMENTS

A few of the strangest and most interesting accounts to follow

By [Sam Sheffer](#) on February 20, 2015 10:00 am [Email](#) [@samshaffer](#)



<http://tinyurl.com/snapchatlist>



Follow

We're nprnews on snapchat. We're posting one fact a day you shouldn't forget before it disappears! Follow us!

2:06 PM - 21 Jul 2014

69 RETWEETS 81 FAVORITES



Other Tools

VSee



The Career Counselor



Workshop Evaluation

* Required

Presenters' First Names (e.g., Ryan & Jim) *

Your name *

On a scale of 0 to 1, how well prepared were the presenters? *

0=Completely unprepared; .25=Mostly unprepared; .50=Moderately prepared; .75=Well prepared but some room for improvement; 1=Very well prepared

- 0
- .25
- .50
- .75
- 1

Labor Stats

By U.S. Department of Labor

Open iTunes to buy and download app



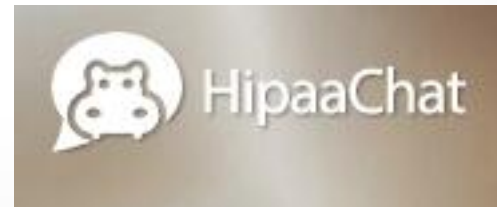
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The La
publis
(BLS).

Labor

Wha

Fixe



Develop a Growth Mindset

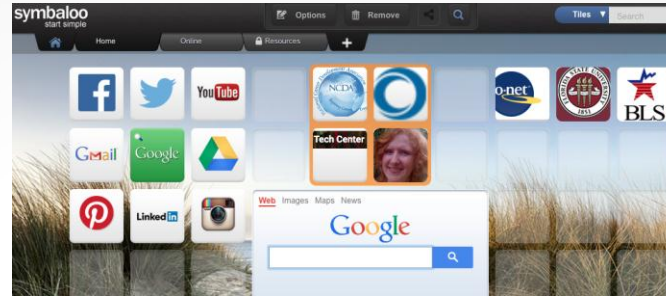


Try Something Old

- Listen to your clients
 - Key phrases, metaphors – why not technologies?
 - What technologies are they already using?
- Research
 - What's being done with technology and helping professions?
 - Distance counseling bibliography (<http://tinyurl.com/Techbib>)
 - CDQ, Career Convergence
- Network
 - NCDA Sessions (50 Mobile Hacks Career Counselors Need Right Now!)
 - NCDA Committee - Technology
 - Linked In Groups –e.g., Career Counselor Technology Forum; Coalition for Technology in Behavioral Sciences
 - Follow Techno-Tweeps: @Peter Carey, @CareerTechForum



Livescribe Echo Smartpen



5 MINUTE GUIDE TO: myNCDA Sample Forms

"Sample Forms" is an online collection of documents you can use to inform your work as a career professional. Looking for an exam or a resume? Review and explore these professional forms and resources, which have been submitted by NCDA members for NCDA members.

- PDF DOWNLOADABLE DOCUMENTS
- CONTRIBUTIONS FROM ALL CAREER DEVELOPMENT SETTINGS
- PERMISSION TO USE IS GRANTED

See your next career! A benefit of NCDA Membership!

HOW TO ACCESS

Try Something New



Scoop.it!



Video Blogging: How to Become a Video Personality

By Michael Stelzner

Published March 13, 2015 [Print](#)

Do you post videos?

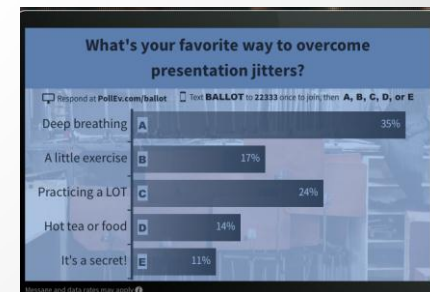
Want to make them better?

To learn how to create great videos, I interview video blogger Amy Schmittauer.

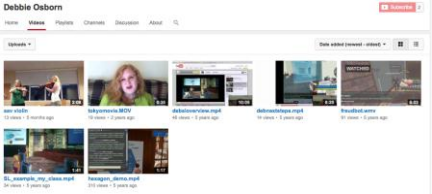


2,117

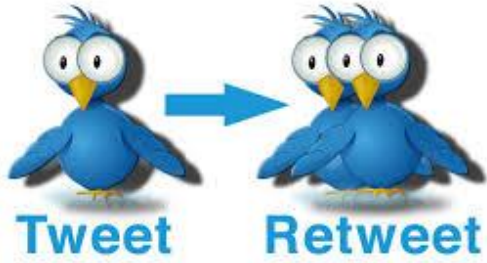
[Tweet](#)



Polleverywhere.com



Try Something Borrowed



NCD A WEBINAR SERIES

Earn Continuing Education Credits by watching previous NCD A Webinars. Each are \$35 and include 1 contact hour. Simply view the webinar and register online to get your certificate. The following webinars are now available for viewing:

1. **Career Smarts for the Job Crisis: Finding Success in Hard Times** -- presented by Rich Feller

To view webinar recording, click here!

For CEU Certificate, ORDER TODAY!!

2. **Action-Based Tips for Successful Career Counseling** -- presented by John Krumboltz



The Career Converter

Home How do I make a Career Decision? Community Resources Career Counseling: Top 10 Lists About Me

Are you socially connected with your career?

Here are a few "Top 10 Lists" I have created for career and counseling related resources. Below there are: Top 10 Career/Counseling Websites, Top 10 Twitter List, Top 10 Counseling Blogs/Webinars, Top 10 Counseling Apps, and Top 10 Places on Second Life. Feel Free to check out the links!

Top 10 Career/Counseling Websites

1. **National Career Development Association website:** This is a good website for career counselors trying to keep up to date with information within the field. Information about the national conference as well as the online magazine, *Career Convergence*, are particularly helpful. 5 out of 5 stars
2. **Stress Management by the Mayo Clinic:** I really enjoyed this website because it is a section of the mayoclinic.com that is devoted to articles on stress management that are written by the Mayo Clinic Staff. All of the staff editors are either R.N.s, M.D.s, or Ph.D.s so the information seems quite reliable. 5 out of 5 stars
3. **PSU Career Center:** I know this comes, but I really do feel this is an extremely helpful resource for career advising/counseling even if you are never able

Career Counseling Teaching Tools



The purpose of this page is to provide links and descriptions to tools and demonstrations that I have found useful in my teaching. I am sharing these with the hope that other career practitioners, educators and individuals can use them. Please give me credit when you do use them, and send me an email (dsosborn@usf.edu) so that I can know that they are being used. Thanks!

Tool	Purpose
Analyzing Decisions Via CASVE Cycle	To explore decision making styles, and apply CIP theory/CASVE Cycle to past decisions
Becoming a Career Counselor Checklist	Do you have what it takes to be a career counselor?
Career Website Evaluation	Critically evaluate career websites, based on NCD A and ACSCI standards.
Disability Animation	Brief animation on how barriers a person with a disability might face even prior to meeting with a career counselor.
Occupational Comparison Sheet	Organize occupational information and to compare occupations.
Sample Virtual Scavenger Hunt ?	Students learn about online career information in a fun way
Understanding and Reframing Negative Career Thoughts	A brief review of how negative thinking impacts decision making plus a guide to reframing negative thoughts
Theory-Based Career Counseling	Test your knowledge of career theories. Choose 1 of 4 career theories and select interventions based on that theory.
Wiki Rubric Sample	Sample of Rubric to Grade Wikis
Information Safari Table	An activity in which students identify 20 examples of information on either a career development topic or a specific occupation. The types of information required are listed.
Creative Syllabus Review	Instead of going page by page, I decided on a different approach. It was much more fun to deliver, and saved time.
Sample of Decade Research	Using Chris Hande's advice (2009, Career Planning & Adult Development Journal), I assigned each student a decade to research and then post their findings to a shared google doc. This is a sample of what they did with that

LiveBinders

Career Development & Planning Resources
By Cindy Miller, AchieveTexas College & Career Initiative

Introduction Know Your Value World of Work Research Educational Paths Experiential Education Plan Your Actions Create Your Future

Workplace Success

Career Development & Planning Resources
By Cindy Miller, Texas Tech University Graduate Research Assistant
AchieveTexas College & Career Initiative

Why Is It Important To Have A Career Development Plan?

Career development is a lifelong pursuit of answers to the questions: Who am I? Why am I here? and What Am I Meant to Do With My Life? It is vital that you have a clear sense of the direction you would like to head with your career. Career planning is a critical step and is essential to your success.

Career development is discovering:

- Ones' authentic self in terms of interests, temperament, personality, values, skills, talents, hopes, and dreams
- The types of activities, situations, and people with which one is most comfortable, happy and fulfilled
- The learning subjects in which one is most interested and the learning styles with which one is most effective, engaged and comfortable
- The types of extracurricular activities, hobbies, sports, pastimes one

What factors go into choosing a career?

growing .AND.

Try Something – You!!!

