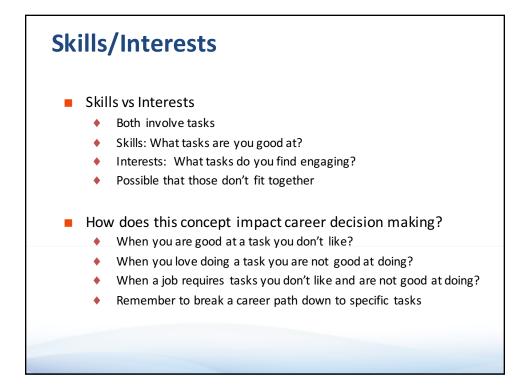
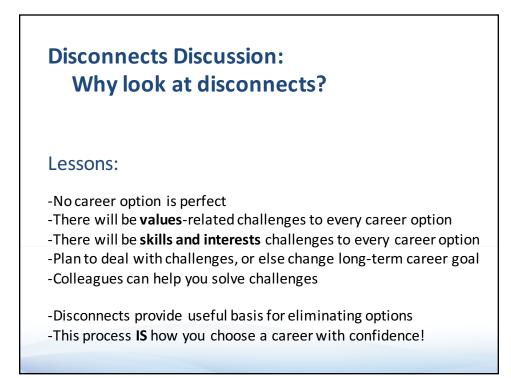
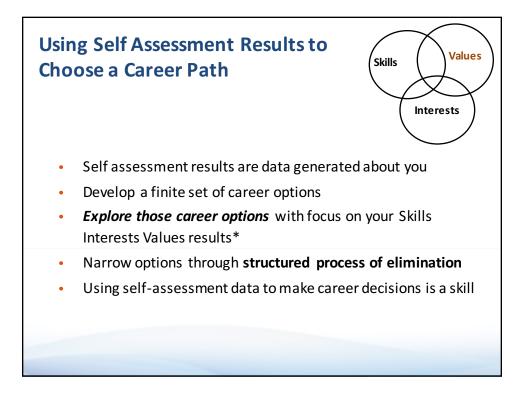


- Create and share your IDP: poster session
  - Create your poster
  - Lunch (with panelists and guest speakers)
  - "Leaving the Ivory Tower" Panel
  - Poster session
- Bringing it all together

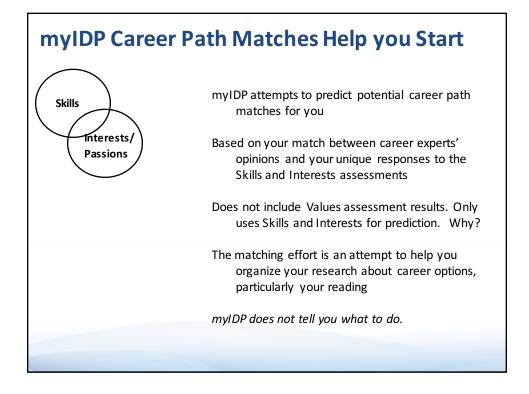






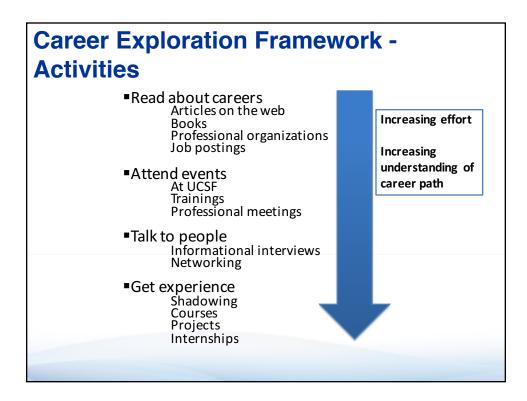


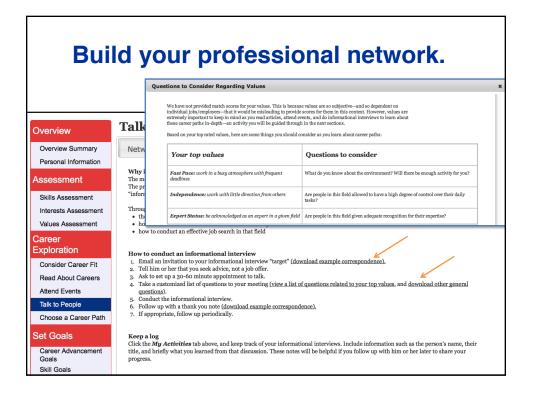
Career Exploration Framework			
<ul> <li>Read about careers         <ul> <li>Articles on the web</li> <li>Books</li> <li>Professional organizations</li> <li>Job postings</li> </ul> </li> </ul>			
<ul> <li>Attend career events         <ul> <li>At your own campus</li> <li>Trainings</li> <li>Professional meetings</li> </ul> </li> </ul>			
■Talk to people			
Informational interviews Networking			
■Get experience Shadowing Courses Projects Internships			

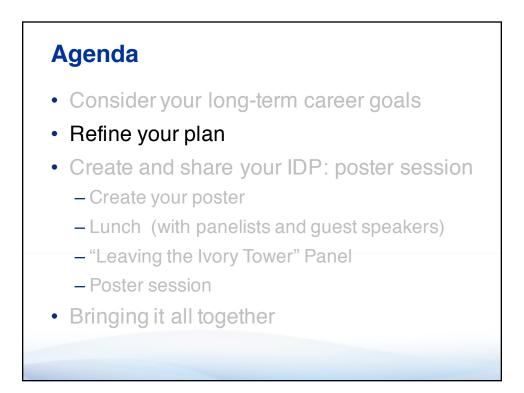


Overview	Consider Career Fit Providues Step Next Step			Next Step
Overview Summary	Quick Tips	My Career Path Matches		
Personal Information	The table below l	ists career paths commonly followed by PhD-leve	el scientists.	
Assessment		Skills Matches for Principal investigator in a research-intensive institution * tant		
Skills Assessment	to each career p calculated. NO			
Interests Assessment	path.			
Values Assessment	Click anywhe questions in mi	Scientific Knowledge	your rating expert rating	
Career Exploration	questions in ini	Broad based knowledge of science	4.07	
Consider Career Fit	Career Path	Deep knowledge of my specific research area	3 4.93	s
Read About Careers Attend Events	Science po Public a foundat	Critical evaluation of scientific literature	4 4.87	
Talk to People Choose a Career Path	Science ed Educati museun	Research Skills	your rating expert rating	
Set Goals	Science wr	Technical skills related to my specific research area	3 4.2	er
Career Advancement Goals Skill Goals	Science, editor; s	Experimental design	3 4.87	<u>s/</u>
Project Goals	Science ed Classroo	Statistical analysis	2 4.6	
Implement Plan Mentoring Team	Sales and r Medical marketi	Interpretation of data	4	
myIDP Summary	Teaching-i A prima	Creativity/innovative thinking	4 4.67	
	liberal a	Navigating the peer review process	3	
	Support of	science-related products:	<u>85%</u> 59%	

Overview	Read About Careers	Previous Step Next
Overview Summary Personal Information	Quick Tips Resources My Notes	
Assessment	The tabl Resources for "science writing" Click or	× terests.
Skills Assessment Interests Assessment Values Assessment	Caree Caree Caree Careers in Science Writing and Editing (collection of articles) #	
Career Exploration	Scien Careers in Science Broadcasting (collection of articles) # Careers in Science Broadcasting (collection of articles) # Careers in Science Communications and Public Relations (collection of articles) #	fore
Consider Career Fit Read About Careers	Scient E Books:	<u>fore</u>
Attend Events Talk to People	Scien S (Chapter 5) Karen Young Kreeger	fore
Choose a Career Path Set Goals	Scien         Philadelphia: Taylor and Francis 1999           C         Alternative Careers in Science: Leaving the Ivory Tower (Chapters 2, 3, 4)	<u>fore</u>
Career Advancement Goals	Sales Cynthia Robbins-Roth M San Diego: Academic Press 1993	<u>fore</u>
Skill Goals Project Goals	Explaining Research Chapter 17) A Dennis Meredith New York: Oxford University Press 2010	<u>lore</u>
Implement Plan	Supp T Professional Societies:	<u>fore</u>
Mentoring Team myIDP Summary	Intell         • American Medical Writers Association (AMWA) &           P         • National Association of Science Writers (NASW) &	<u>fore</u>
	Publi Society for Technical Communication (STC) &	<u>fore</u>









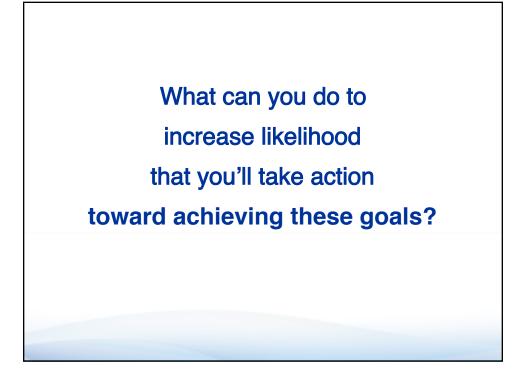
Having a structured plan is correlated with **increased productivity, fewer conflicts, higher satisfaction.** 

- Postdocs who discussed plan with mentors: more firstauthor papers, fewer conflicts with advisor, higher satisfaction with postdoctoral experience (*Davis* (Sigma Xi), 2006)
- Goals impact performance
  - Direct attention to activities related to goal
  - Inspire action toward goal
  - Increase persistence toward goal
  - Reviewed in Locke & Latham, Am Psychol, 2012
- Increased performance if individual sets goals (versus goals set by managers)

(Latham, Mitchell, Dossett, J Appl Psychol, 1978)

Reviewed in Hobin, CBE-Life Sci Ed, 2014

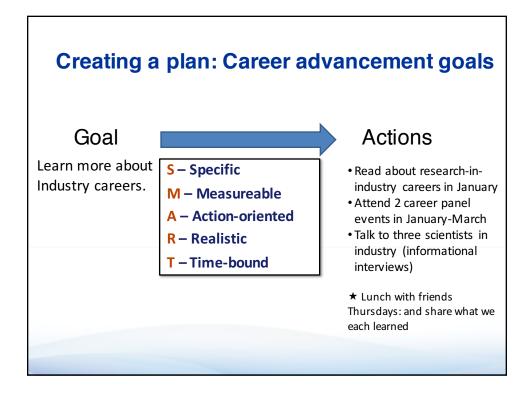










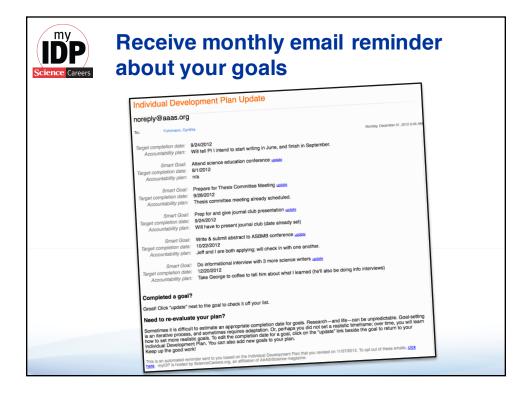


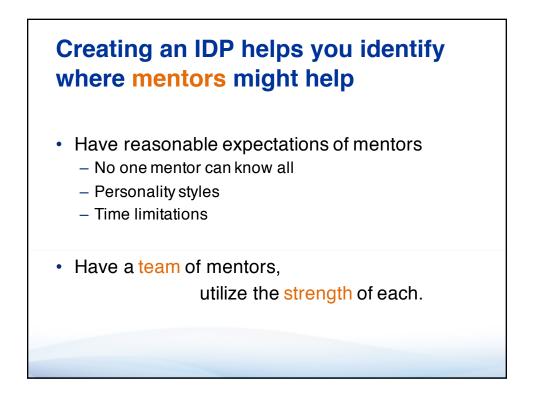


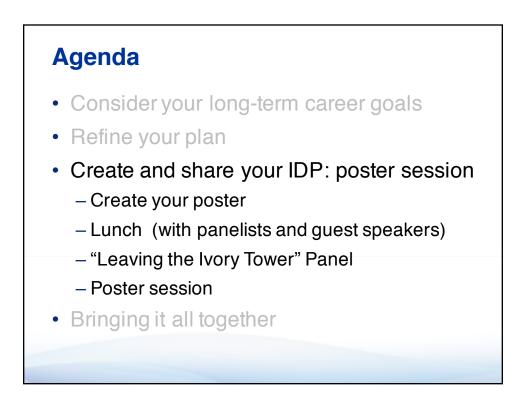
Set goals in myIDP "Check-mark" your desired skills area				
Overview	ills Development Go	als		
Personal Information	uick Tips My Skills to Improve	My SMART Goals		
Assessment	hoose the skills areas that you want to work on is cientific Knowledge	mproving this year. We recommend choosing 2-5		
Skills Assessment	Improve Skill Area		Your Score	
Interests Assessment	Broad based knowledge of sc	ience	2	
Values Assessment	Deep knowledge of my specif	fic research area	n/a	
Career Exploration	Critical evaluation of scientif	fic literature	4	
	esearch Skills		Your	
Read About Careers	Improve Skill Area		Score	
Attend Events	<ul> <li>Technical skills related to my</li> </ul>	specific research area	3	
Talk to People	Experimental design		n/a	
Choose a Career Path	√ Statistical analysis 2		2	
	Interpretation of data		4	
Set Goals	Creativity/innovative thinking	•	4	
ouroor / turbornorit	<ul> <li>Navigating the peer review p</li> </ul>	process	3	
Goals Skill Goals	ommunication		Your	
Project Goals	Improve Skill Area		Score	
Implement Plan	<ul> <li>Basic writing and editing</li> </ul>		5	
implement Plan	✓ Writing scientific publication	ns	3	

Science Careers	NENI		
	Skills Developme	nt Goals	
Overview Summary Personal Information	Quick Tips My Skills to I	Improve My SMART Goals	
Assessment	Edit SMART Goal		
Skills Assessment Interests Assessment Values Assessment	Select a skill to add a goal for	<ul> <li>Statistical analysis</li> <li>Writing scientific publications</li> <li>Broad based knowledge of science</li> </ul>	
Career	SMART Goal	Read textbook on stats, and do practice problems	
Exploration Consider Career Fit	Is this a recurring activity?	No	
Read About Careers	Start Date	2/6/2012	
Attend Events	Target Completion Date	2/24/2012	
Talk to People	How will you be accountable?	Ask Joe to give me his sample data to analyze, & discuss.	
Choose a Career Path	Is Complete?		
Set Goals Career Advancement Goals	Save		
Skill Goals			
Project Goals			
Implement Plan			
Mentoring Team			
myIDP Summary			

Outputs a printed, unique Science Careers	ue Individual Development Plan
Individual Developmen	t Plan
Bruce Jenkins	reas scence increase more water manights sections, and crocese i ance to read more deeply ( <u>NUMERCY</u> )     Write first data of paper     Attend science education conference
	September, 2014
Personal Information Trite: Graduate student	Read Science and Nature "highlights" sections, and choose 1 article to read more deeply [ <u>weekky]</u> Write first draft of paper     Prepare for These Committee Meeting     Prepr for and give journal club presentation
	October, 2014
Institution: UCao Position and date: 98/2008 Position and date: 12/20/2013 Research project: The role of hydrogen bonding in enzyme catalysis	Write & submit abstract to ASBMB conference
Hesedicity	November, 2014
IDP last modified.	Do informational interview with 3 more science writers
Career Plans Summary	December, 2014
Career Fland	Do informational interview with 3 more science writers
Plan A Long Term Goal: Writer for a journal news section Short Term Goal: Science communication certificate (UC Santa Cruz): or treelance	Career Advancement Goals
Short Term Goal: Sublice	Name: Write an article for science column in graduate newsletter
	Frequency: monthly
Plan B	Start date: 5/7/2014 End date: 7/2/2014
Ptan B Long Term Goal: Teaching at a community college Short Term Goal: more teaching experience	Accountability: Tell editor of paper that I will be submitting articles monthly. Completed: No
	Name: Convert my CV into a resume
a coal Summary	Frequency: Start date: 1/7/2014
SMART Goal Summary	End date: 1/9/2014
Note: goals after 12 months from now are not shown.	Accountability: Show to spouse after updated.
Note: goals and the	Completed: No
	Name: Update my teaching-focused CV
December, 2013 (weekly)	Frequency: Start date: 3/1/2014
. Write a "results" second state	Start date: 3/1/2014 End date: 3/15/2014
	Accountability: Will show updated CV to spouse.
2014	Completed: Yes









- Start with big picture, career goal(s)
- Consider listing a plan A and B (optional)
- Consider including a future-focused career map, timeline or visual depiction of your career plan
- List the actions you will take this year
- Include how mentors will help you
- Anything else be creative!

## Up next: 1:30 p.m. "Leaving the lvory Towers" Panel 2:30 p.m. Poster session *Scientists at Eli Lilu* Gaudia Salinas, Epidemiologist Beverly Falcon, Research Scientist Brian Teske, Scientific Communications Ricardo Martinez, Sr Research Advisor

