

FDP & SciENcv

May 2013



Outline

- Introduction & Overview - Lori
- SciENcv system preview (limited) – Lori
- Benefits - David
- Future plans – Amy/Wally
- Volunteers for testing – Lori



SciENCV Overview

- SciENCV = Science Experts Network Curriculum Vitae
- SciENCV interagency working group: DOD, DOE, EPA, NIH, NSF, USDA under the Research Business Models and Science of Science Policy Committees
- Long term: fits with STAR METRICS



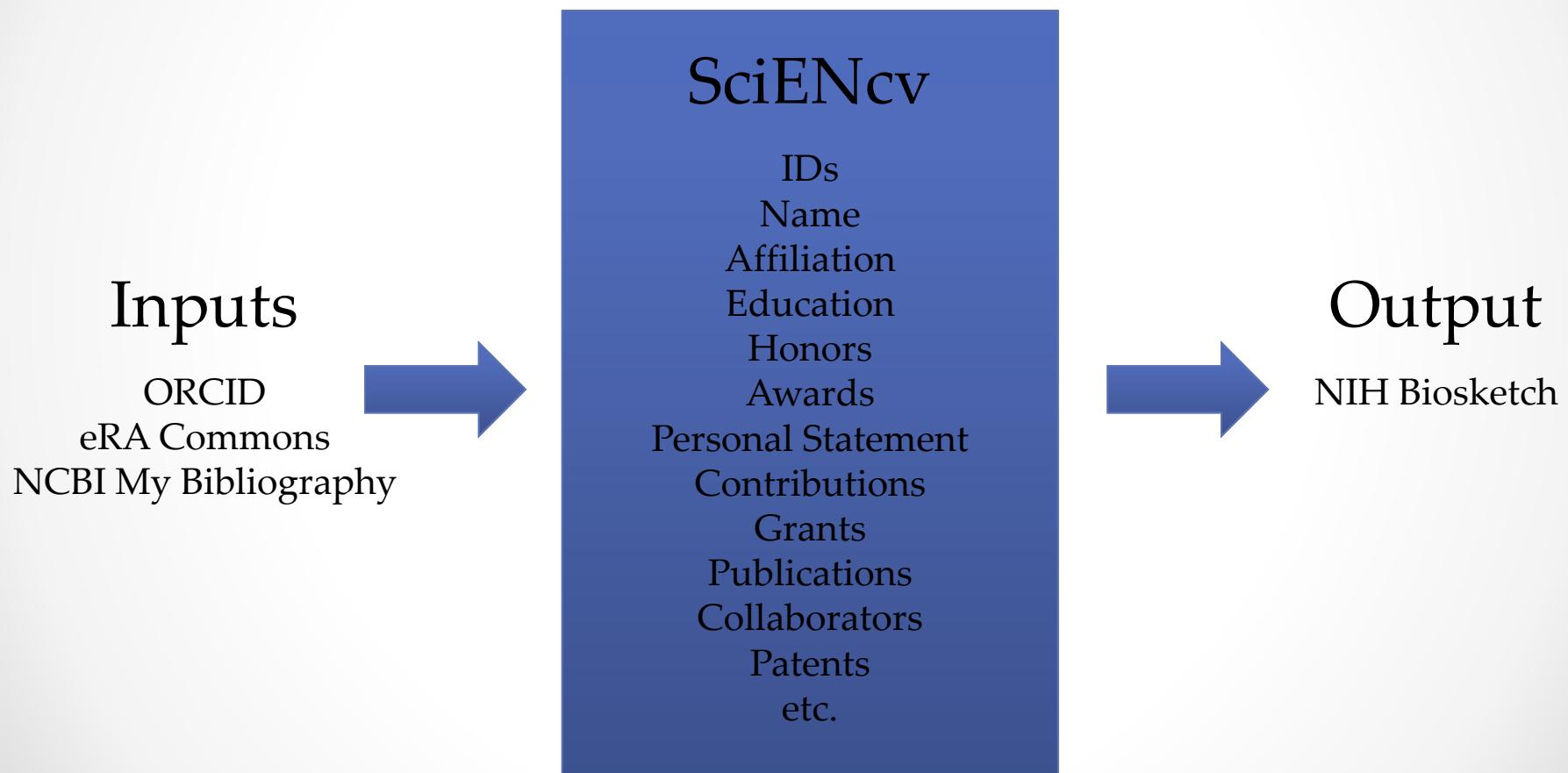
SciENCV Overview

(Long Term)

- Voluntary researcher profile system
 - Reduce administrative burden for researchers and agencies
 - Enable discovery about expertise, employment, education, accomplishments
- Principles:
 - Any researcher may register
 - Leveraging data from existing systems
 - Data owned by the researcher
 - Researcher controls what data is public
 - Researcher edits and maintains information
 - Research provides own data to describe research outcomes
-



Testing, Summer 2013



Testing, Summer 2013

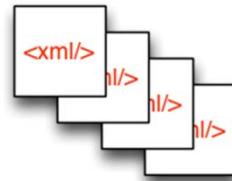
- Solicit FDP volunteers
- Initial group will be small, faculty-centered
- Stratify volunteer population –
 - public/private institution
 - New vs. Seasoned Investigator
 - Other criteria?
-
-

Example documents and fields collected from NIH biosketch, USDA, NSF

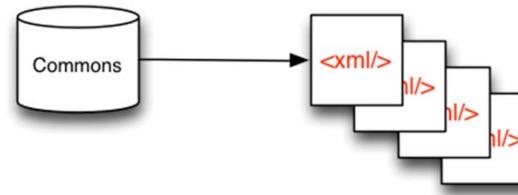
NLM categories	USDA Biosketch	NSF info
Profile	x	x
<u>id+</u> <u>name+</u> <u>gender{0,1}</u> <u>birth-date</u> <u>language*</u> (mailing-address email-address phone-number)		
<u>web-address*</u> <u>linked-account*</u>		Demographics, citizenship, disability, race
Education	x	x
<u>degree+</u> <u>professional-training*</u> <u>professional-accreditation*</u>		
distinctions	awards, fellowships?	No
<u>distinction-date</u> <u>distinction-title</u> <u>awarding-body</u>		
Degree	x	x
<u>institution</u> <u>division{0,1}</u> <u>country{0,1}</u> <u>start-date{0,1}</u> (end-date expected-date)		
<u>major*</u> <u>minor*</u> <u>thesis-title{0,1}</u> <u>supervisors{0,1}</u> <u>description{0,1}</u> <u>research-classification{0,1}</u>		'Graduate advisors and Postdoctoral sponsors' names
Professional training	x	called professional preparation

Renderer written to output different documents

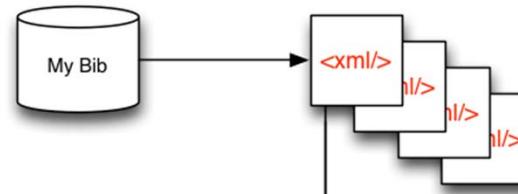
Step 1:
Construct 3-4
XML-based profiles.



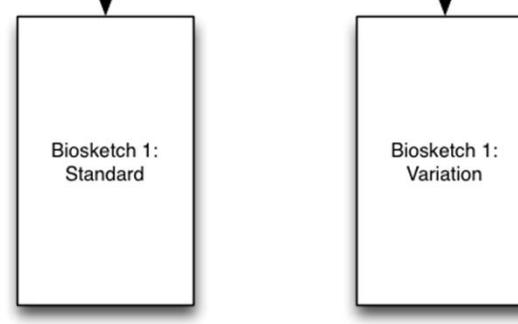
Step 2:
Add in Grant
data from eRA
to XML profiles.



Step 3:
Link real My Bib
accounts to
profiles



Step 4:
Display
Biosketch in std.
and new formats

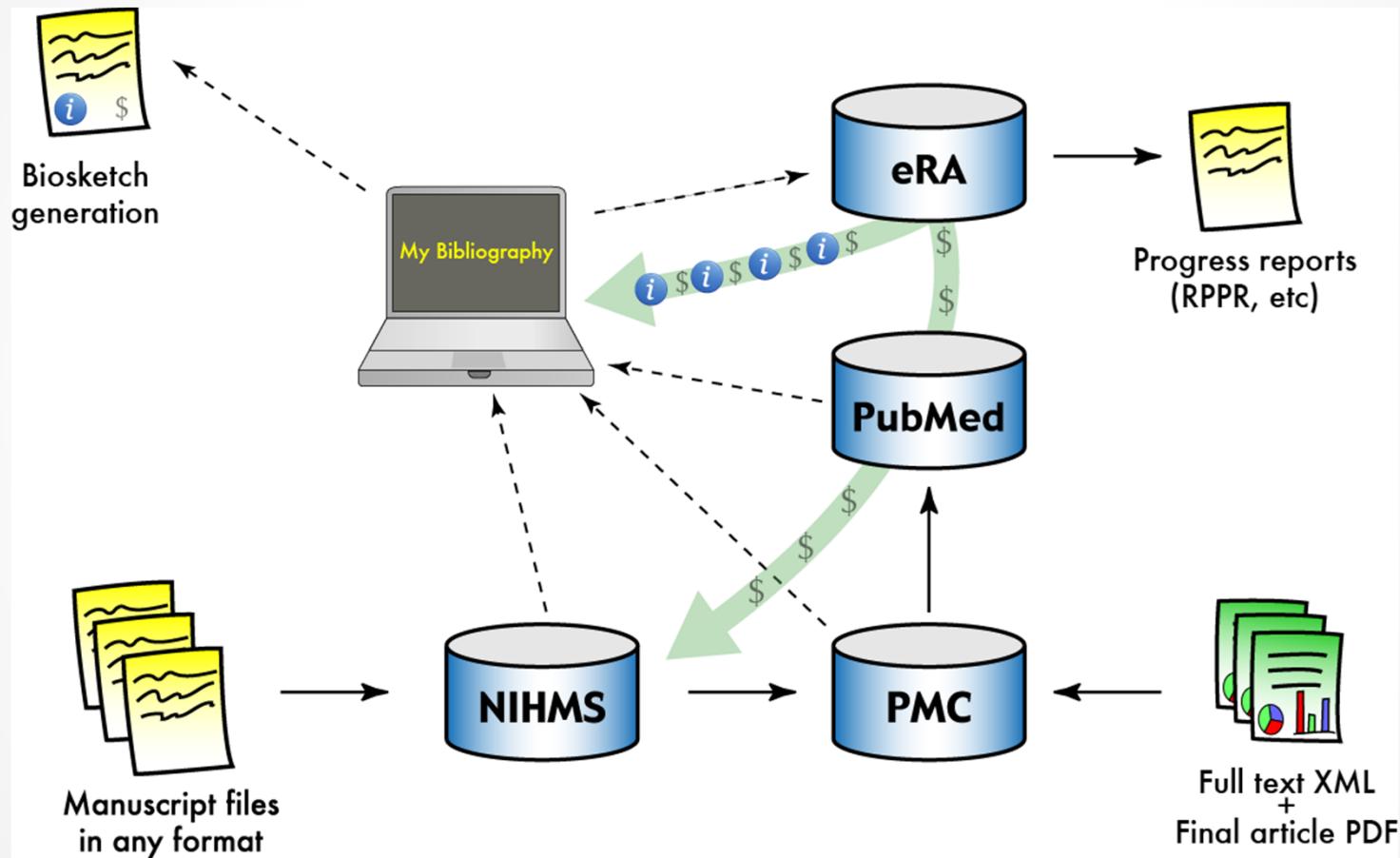


Integration with My Bibliography

My Bibliography and integration with eRA and Public Access Compliance reporting previously implemented and running in production now.

My Bibliography currently used by approximately 40,000 eRA Commons users.

Integration with My Bibliography



My NCBI Home Page

The screenshot displays the My NCBI interface with several open windows:

- Search NCBI databases**: Set to PubMed. Search box is empty. Hint: clicking the "Search" button without any terms listed in the search box will transport you to that database's homepage.
- Filters**: Set to PubMed. No active filters. [Add filters for the selected database](#). [Manage Filters »](#)
- Saved Searches**: Lists recent searches:
 - Books Searches: [book lung cancer](#) (N/A, last year)
 - PopSet Searches: ["Noise & health"\[Jour\]](#) (0, yesterday)
 - PubMed Searches:
 - [frog search](#) (348, 2 months ago)
 - [\[public|open\] access](#) (43, 2 months ago)
 - [frog](#) (280, 2 months ago)
 - [cat](#) (567, 2 months ago)
 - [firefox](#) (1, last year)
 - [fox](#) (749, last year)
 - [lung cancer](#) (2948, last year)
 - [Query 2](#) (11, last year)
 - [Inserm manuscripts](#) (597, 5 years ago)[Manage Saved Searches »](#)
- My Bibliography**: Your bibliography contains 157 items. Share your bibliography with this URL: <http://dev.ncbi.nlm.nih.gov/sites/myncbi/collections/public/1FY7BxyueL6b/Mkz/>. Most recent citations:
 - Nieto-Gonzalez JL, Moser J, Lauritzen M, Schmitt-John T, Jensen K. Reduced GABAergic Inhibition Explains Cortical Hyperexcitability in the Wobbler Mouse Model of ALS. *Cereb Cortex*. 2011 Mar;21(3):625-35. Epub 2010 Jul 19. PubMed PMID: 20643756.
 - Douglas HA, Callaway JK, Sword J, Kirov SA, Andrew RD. POTENT INHIBITION OF ANOXIC DEPOLARIZATION BY THE SODIUM CHANNEL BLOCKER DIBUCAINE. *J Neurophysiol*. 2011 Jan 27. [Epub ahead of print] PubMed PMID: 21273307.
 - Benson DA, Karsch-Mirzachi I, Lipman DJ, Ostell J, Sayers EW. [GenBank](#). Nucleic Acids Res. 2011 Jan;39(Database issue):D32-7. Epub 2010 Nov 10. PubMed PMID: 21071399; PubMed Central PMC3013681.
 - Lipman PJ, Liu KY, Muehlschlegel JD, Body S, Lange C. Inferring genetic causal effects on survival data with associated endo-phenotypes. *Genet Epidemiol*. 2010 Dec 31. [Epub ahead of print] PubMed PMID: 21197626.[Manage My Bibliography »](#)
- Collections**: Lists user collections:

Collection Name	Items	Privacy	Type
My Bibliography	157	Public	Standard
Other Citations	5	Private	Standard
PMIDs from NIDB (2005-2007)	13381	Public	PubMed
Get this to my bib	8	Public	PubMed
469 items	471	Private	PubMed
3 items	5	Public	PubMed
Flubber	603	Private	Mixed
5000 items	393	Private	PubMed
5000 items	5000	Private	PubMed
fala	1	Private	PubMed

[Manage Collections »](#)

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Selected filter(s) has been applied. [Clear all filters](#).

This bibliography is private (make it public) | [Edit settings for My Bibliography](#) | [Save My Bibliography to a text file \(MEDLINE format\)](#)

Display Settings: Award view, Sort by date, do not group citations

Select: [All](#), [None](#) 2 items selected [Move](#) [Delete](#) [Copy](#) [View](#) [Suggest](#) [Assign Awards to Citations](#) [PDF report](#) [Add citation](#)

1: Talkowski ME, Ordulu Z, Pillalamarri V, Benson CB, Blumenthal I, Connolly S, Hanscom C, Hussain N, Pereira S, Picker J, Rosenfeld JA, Shaffer LG, Wilkins-Haug LE, Gusella JF, Morton CC. [Clinical diagnosis by whole-genome sequencing of a prenatal sample](#). *N Engl J Med*. 2012 Dec 6;367(23):2226-32. doi: 10.1056/NEJMoa1208594. PubMed PMID: 23215558.

Public Access Compliance: In process at NIHMS. [Edit Status](#) NIHMS ID: [NIHMS430112](#)

NIH Funding:

P01 GM061354 - DGAP: Developmental Genome Anatomy Project 

R21 HD065286 - Genes disrupted by balanced genomic rearrangements in autism spectrum disorders 

P01 GM061354 - Rapid Gene Discovery 

P01 GM061354 - Developmental Analysis Of Genes in Model Organisms 

P01 GM061354 - High Throughput FISH Mapping 

[Add or delete award](#)

2: Chiang C, Jacobsen JC, Ernst C, Hanscom C, Heilbut A, Blumenthal I, Mills RE, Kirby A, Lindgren AM, Rudiger SR, McLaughlan CJ, Bawden CS, Reid SJ, Faull RL, Snell RG, Hall IM, Shen Y, Ohsumi TK, Borowsky ML, Daly MJ, Lee C, Morton CC, MacDonald ME, Gusella JF, Talkowski ME. [Complex reorganization and predominant non-homologous repair following chromosomal breakage in karyotypically balanced germline rearrangements and transgenic integration](#). *Nat Genet*. 2012 Mar 4;44(4):390-7, S1. doi: 10.1038/ng.2202. PubMed PMID: 22388000; PubMed Central PMCID: PMC3340016.

Public Access Compliance: Complete. PMCID: [PMC3340016](#)

NIH Funding:

P01 GM061354-01A1 - DGAP: Developmental Genome Anatomy Project 

P01 GM061354-02 - DGAP: Developmental Genome Anatomy Project 

P01 GM061354-03 - DGAP: Developmental Genome Anatomy Project 

P01 GM061354-04 - DGAP: Developmental Genome Anatomy Project 

P01 GM061354-05 - DGAP: Developmental Genome Anatomy Project 

P01 GM061354-06A2 - DGAP: Developmental Genome Anatomy Project 

P01 GM061354-07 - DGAP: Developmental Genome Anatomy Project 

P01 GM061354-08 - DGAP: Developmental Genome Anatomy Project 

P01 GM061354-09 - DGAP: Developmental Genome Anatomy Project 

P01 GM061354 - DGAP: Developmental Genome Anatomy Project 

[Add or delete award](#)

Filter citations by:

Publication year: 2012 to 2012

Awards: 2 awards selected

T32 GM007748-29 Training Gra...

R01 HD060530-02 Genetic Stud...

U54 HG003273-06 Genomes and ...

P01 GM061354 High Though...

R01 HD060050-04 Discovering ...

Publication type: PubMed citation

Paper-grant associations:

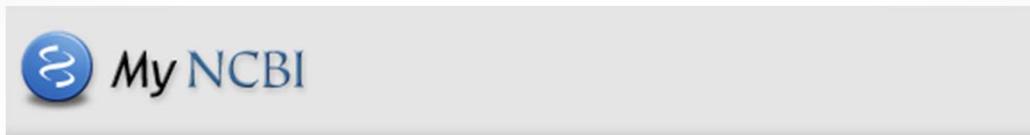
Added by other PIs

Added by NIHMS

Linked to my Awards

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My NCBI SciENcv tool



SciENcv

Report type: BioSketch

Last Updated: 16 April 2013

Your BioSketch is shared - via this URL:
<http://www.ncbi.nlm.nih.gov/myncbi/franklindr@google/cv/5435/>

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 A small icon of a PDF file with a red 'PDF' label and the 'Adobe' logo.

Search NCBI databases

Search :

Hint: clicking the "Search" button without any terms listed in the search box will transport you to that database's homepage.

My Bibliography

Biosketch form

Report type: BioSketch
Last Updated: 02/12/2013

[Download as PDF](#)

NAME EVERS, BERNARD MARK eRA COMMONS USER NAME (agency login) MEVERS	edit
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EDUCATION/TRAINING
(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)

INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YYYY	FIELD OF STUDY
UNIVERSITY OF KENTUCKY	NIH training grant		
UNIVERSITY OF KENTUCKY	NIH training grant		
University of Tennessee, Knoxville	BACHELOR OF ARTS (AB)	1 / 1979	VET MEDICINE:MICROBIOLOGY, Microbiology
University of Tennessee, Memphis	DOCTOR OF MEDICINE (MD)	1 / 1983	OTHER AREAS, Medicine
University of Texas Medical Branch	OTHER - MMS	1 / 1991	Science

[Add another degree/training](#)

A. PERSONAL STATEMENT [edit](#)

Maecenas eu sem. Praesent dapibus. Quisque vehicula erat at est. Donec dolor nibh, posuere et, ultrices vel, iaculis eget, arcu. Nunc at urna eget quam aliquam auctor. Maecenas porta placerat nisi. Ut nisl neque, malesuada ut, aliquet imperdiet, aliquam a, ipsum. Duis dapibus. Nunc mollis. Morbi bibendum iaculis magna. Aliquam laoreet nisi eget ipsum. Pellentesque pellentesque nisl vel nibh. Nunc accumsan lectus eget lorem. Etiam velit.

Nullam gravida, ligula sed porta malesuada, massa pede interdum eros, sit amet pellentesque justo risus vel augue. Nullam accumsan, lorem eget vulputate hendrerit, tortor leo dictum libero, eu vehicula magna urna a justo. Aliquam lacinia nisl nec nibh. Aliquam erat volutpat. Nullam nonummy, leo in suscipit eleifend, dui sem rhoncus sapien, vel commodo felis erat at ligula. Ut at velit. Fusce sit amet ante. Vivamus pede nulla, tristique sed, nonummy faucibus, hendrerit vitae, leo. Mauris metus risus, eleifend non, gravida in, vestibulum eu, orci. Vivamus et massa. In hac habitasse platea dictumst. Maecenas id lorem. Praesent id metus nec massa sodales laoreet. Donec mauris diam, laoreet quis, rutrum non, rhoncus quis, metus. Nam vehicula sodales mauris. Fusce tellus. In cursus.

Sed mollis. Praesent pellentesque adipiscing nisl. Donec posuere vulputate augue. Aenean a est nec enim gravida luctus. Sed imperdiet, dui at facilisis consectetur, est neque mattis tortor, ut malesuada mauris nunc eu risus. Proin commodo, nunc a dictum sodales, lectus odio convallis urna, quis feugiat nulla lectus eu est. Cras viverra fermentum massa. Duis faucibus. Nam mollis, justo at malesuada varius, felis lacus porttitor erat, tincidunt varius pede quam sit amet justo. Curabitur cursus mattis nunc. Nulla lacinia, tortor at congue semper, tortor mauris convallis augue, nec venenatis lectus turpis eget nibh. Fusce enim nisi, cursus a, imperdiet eu, gravida non, nibh. Donec mauris. Nullam consectetur metus in magna. Morbi dictum mi vel elit. Nunc scelerisque, nunc id vulputate aliquam, arcu elit tempor orci, vitae tempor sem nunc ac lacus. Sed sed dui quis est rhoncus porttitor. Vestibulum aliquet neque vel nulla.

B. POSITIONS AND HONORS

Positions and Employment [edit](#)

2009 -	Director, Vice-Chair Research, UNIVERSITY OF KENTUCKY
1988 - 2009	Distinguished Chair and Professor, UNIVERSITY OF TEXAS MEDICAL BR GALVESTON

Other Experience and Professional Memberships

You have not listed any professional memberships. Please [add one](#).

Edit Personal Statement

UNIVERSITY OF KENTUCKY
UNIVERSITY OF KENTUCKY
University of Tennessee, Knoxville
University of Tennessee, Memphis
University of Texas Medical Branch

[Add another degree/training](#)

A. PERSONAL STATEMENT

You have not yet provided a personal statement.

B. POSITIONS AND HONORS

Positions and Employment

2009 - Director, Vice-Chair Research
1988 - 2009 Distinguished Chair and Prof

Other Experience and Professional Members

You have not listed any professional members.

Honors

NIH training grant
NIH training grant

Personal Statement

Maecenas eu sem. Praesent dapibus. Quisque vehicula erat at est. Donec dolor nibh, posuere et, ultrices vel, iaculis eget, arcu. Nunc at urna eget quam aliquam auctor. Maecenas porta placerat nisi. Ut nisl neque, malesuada ut, aliquet imperdiet, aliquam a, ipsum. Duis dapibus. Nunc mollis. Morbi bibendum iaculis magna. Aliquam laoreet nisi eget ipsum. Pellentesque pellentesque nisl vel nibh. Nunc accumsan lectus eget lorem. Etiam velit.

edit

edit

Save Cancel

Selecting publications

Honors

You have not listed any honors. Please [add one](#).

C. SELECTED PEER-REVIEWED PUBLICATIONS

[done](#)

Select: [All](#) [None](#) 3 item(s) selected

- Wang Q, Zhou Y, Jackson LN, Johnson SM, Chow CW, Evers BM. Nuclear factor of activated T cells (NFAT) signaling regulates PTEN expression and intestinal cell differentiation. *Mol Biol Cell*. 2011 Feb 1;22(3):412-20. PubMed PMID: 21148296; PubMed Central PMCID: PMC3031470.
- Starr ME, Ueda J, Yamamoto S, Evers BM, Saito H. The effects of aging on pulmonary oxidative damage, protein nitration, and extracellular superoxide dismutase down-regulation during systemic inflammation. *Free Radic Biol Med*. 2011 Jan 15;50(2):371-80. PubMed PMID: 21092756; PubMed Central PMCID: PMC3340560.
- Wang X, Gulhati P, Li J, Dobner PR, Weiss H, Townsend CM Jr, Evers BM. Characterization of promoter elements regulating the expression of the human neuropeptidyl neuropeptidyl N gene. *J Biol Chem*. 2011 Jan 7;286(1):542-54. PubMed PMID: 21030593; PubMed Central PMCID: PMC3013014.
- Gedaly R, Angulo P, Hundley J, Daily MF, Chen C, Koch A, Evers BM. PI-103 and sorafenib inhibit hepatocellular carcinoma cell proliferation by blocking Ras/Raf/MAPK and PI3K/AKT/mTOR pathways. *Anticancer Res*. 2010 Dec;30(12):4951-8. PubMed PMID: 21187475; PubMed Central PMCID: PMC3141822.
- Larson Y, Liu J, Stevens PD, Li X, Li J, Evers BM, Gao T. Tuberous sclerosis complex 2 (TSC2) regulates cell migration and polarity through activation of CDC42 and RAC1. *J Biol Chem*. 2010 Aug 6;285(32):24987-98. PubMed PMID: 20530489; PubMed Central PMCID: PMC2915734.
- Wang X, Jackson LN, Johnson SM, Wang Q, Evers BM. Suppression of neuropeptidyl neuropeptidyl receptor type 1 expression and function by histone deacetylase inhibitors in human colorectal cancers. *Mol Cancer Ther*. 2010 Aug;9(8):2389-98. PubMed PMID: 20663927; PubMed Central PMCID: PMC2932703.
- Starr ME, Ueda J, Takahashi H, Weiler H, Esmon CT, Evers BM, Saito H. Age-dependent vulnerability to endotoxemia is associated with reduction of anticoagulant factors activated protein C and thrombomodulin. *Blood*. 2010 Jun 10;115(23):4886-93. PubMed PMID: 20348393; PubMed Central PMCID: PMC2890181.
- Lin Y, Wu Y, Li J, Dong C, Ye X, Chi YI, Evers BM, Zhou BP. The SNAG domain of Snail1 functions as a molecular hook for recruiting lysine-specific demethylase 1. *EMBO J*. 2010 Jun 2;29(11):1803-16. PubMed PMID: 20389281; PubMed Central PMCID: PMC2885925.
- Johnson SM, Gulhati P, Ramps BA, Han Y, Rychahou PG, Doan HQ, Weiss HL, Evers BM. Novel expression patterns of PI3K/Akt/mTOR signaling pathway components in colorectal cancer. *J Am Coll Surg*. 2010 May;210(5):767-76, 776-8. PubMed PMID: 20421047; PubMed Central PMCID: PMC2895913.
- Rychahou PG, Evers BM. Hydrodynamic delivery protocols. *Methods Mol Biol*. 2010;623:189-95. PubMed PMID: 20217552.
- Gulhati P, Cai Q, Li J, Liu J, Rychahou PG, Qiu S, Lee EY, Silva SR, Bowen KA, Gao T, Evers BM. Targeted inhibition of mammalian target of rapamycin signaling inhibits tumorigenesis of colorectal cancer. *Clin Cancer Res*. 2009 Dec 1;15(23):7207-16. PubMed PMID: 19934294; PubMed Central PMCID: PMC2898570.
- Bowen KA, Doan HQ, Zhou BP, Wang Q, Zhou Y, Rychahou PG, Evers BM. PTEN loss induces epithelial-mesenchymal transition in human colon cancer cells. *Cancer Res*. 2010 Jun 15;70(23):9200-9. PubMed PMID: 20530489; PubMed Central PMCID: PMC2915734.

D. RESEARCH SUPPORT

[edit](#)

Ongoing Research Support

R01DK048498-16 BERNARD MARK EVERNS (PI) 3/15/1996-5/31/2014

Surgical Studies of Functional Gene Expression

Role: PI

R25CA153954-01 BERNARD MARK EVERNS (PI) 9/3/2010-7/31/2015

The University of Kentucky Cancer Nanotechnology Training Center (UK CNTC)

Role: MPI

P30CA147886-02 BERNARD MARK EVERNS (PI) 9/30/2009-8/31/2013

Supporting New Faculty Recruitment Through Biomedical Research Core Center

Role: PI

ORCID linking

ORCID
Connecting Research
and Researchers

SIGN IN

Email or iD

Password

Sign in

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DON'T HAVE AN ID? REGISTER

First name
 *

Last name

Email
 *

Re-enter email
 *

Password
 *

Confirm password
 *

Default privacy for new works

Notification Email
 Send me notifications about changes to my ORCID Record.

ORCID linking

Edit Personal Information X

Required Information

First Name: Last Name: ▼

Address 1: ✖

[+ add another address line](#)

City:

State: Country:

Postal/zip code:

Email:

Optional Information

ORCID: [0000-0003-0233-7734](#) ✖

Save [Cancel](#)

Existing data vs new entries

The diagram illustrates a user interface for managing professional memberships. It consists of two main sections: an 'Existing data' list on the left and a 'New entries' form on the right, connected by a 'show/hide entries' button.

Existing data (Left):

Other Experience and Professional Memberships

1998-	Member, Gerontological Society of America
1998-	Member, American Geriatrics Society
2000-	Associate Editor, Psychology and Aging

New entries (Right):

Other Experience and Professional Memberships

1998-	Member, Gerontological Society of America
1998-	Member, American Geriatrics Society
2000-	Associate Editor, Psychology and Aging

Interaction:

- A 'show/hide entries' button at the top of the existing data list has a tooltip 'on hover' and a 'click' action.
- An arrow points from the 'click' action to the 'show/hide entries' button on the new entries form.
- An arrow points from the 'click' action to a 'Done' button at the bottom of the new entries form.
- The 'Member, American Geriatrics Society' entry in the new entries list is highlighted in yellow.
- The 'Done' button is located at the bottom of the new entries form.

Form Fields (Bottom):

Select All All None 3 selected unchecked entries are hidden from display

- 1996-1997 President, SIGCHI Student Chapter
- 1998- Member, Gerontological Society of America
- 1998- Member, American Geriatrics Society
- 2000- Associate Editor, Psychology and Aging

Form Fields (Bottom):

Select All All None 3 selected unchecked entries are hidden from display

- 1996-1997 President, SIGCHI Student Chapter
- 1998- Member, Gerontological Society of America
- 1998- Member, American Geriatrics Society
- 2000- Associate Editor, Psychology and Aging

Buttons (Top Right):

- show/hide entries
- delete edit

Buttons (Bottom Right):

- Done

Biosketch PDF export

Program Director/Principal Investigator (Last, First, Middle): EVER, BERNARD MARK

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors in the order listed on Form Page 2. Follow this format for each person. DO NOT EXCEED FOUR PAGES.

NAME	POSITION TITLE
EVERS, BERNARD MARK	Director, Vice-Chair Research
eRA COMMONS USER NAME (agency login) MEVERS	UNIVERSITY OF KENTUCKY

EDUCATION/TRAINING

(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)

INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YYYY	FIELD OF STUDY
University of Texas Medical Branch	OTHER -- MMS	1/1991	Science
University of Tennessee, Knoxville	BACHELOR OF ARTS (AB)	1/1979	VET MEDICINE:MICROBIOLOGY, Microbiology
University of Tennessee, Memphis	DOCTOR OF MEDICINE (MD)	1/1983	OTHER AREAS, Medicine
UNIVERSITY OF KENTUCKY	NIH training grant		
UNIVERSITY OF KENTUCKY	NIH training grant		

A. PERSONAL STATEMENT

B. POSITIONS AND HONORS

Positions and Employment

2009 - Director, Vice-Chair Research, 2793601 UNIVERSITY OF KENTUCKY
1988 - 2009 Distinguished Chair and Professor, 578406 UNIVERSITY OF TEXAS MEDICAL BR GALVESTON

Other Experience and Professional Memberships

Honors

C. SELECTED PEER-REVIEWED PUBLICATIONS

- Starr ME, Ueda J, Yamamoto S, Evers BM, Saito H. The effects of aging on pulmonary oxidative damage, protein nitration, and extracellular superoxide dismutase down-regulation during systemic inflammation. *Free Radic Biol Med.* 2011 Jan;15(2):371-80. PubMed PMID: 21092756; PubMed Central PMCID: PMC3340560.
- Wang X, Gulhati P, Li J, Dobner PR, Weiss H, Townsend CM Jr, Evers BM. Characterization of promoter elements regulating the expression of the human neuropeptin/neuromedin N gene. *J Biol Chem.* 2011 Jan 7;286(1):542-54. PubMed PMID: 21030593; PubMed Central PMCID: PMC3013014.
- Wang X, Jackson LN, Johnson SM, Wang Q, Evers BM. Suppression of neuropeptin receptor type 1 expression and function by histone deacetylase inhibitors in human colorectal cancers. *Mol Cancer Ther.* 2010 Aug;9(8):2389-98. PubMed PMID: 20663927; PubMed Central PMCID: PMC2932703.

D. RESEARCH SUPPORT

Ongoing Research Support

Program Director/Principal Investigator (Last, First, Middle): EVER, BERNARD MARK

R01DK048498-16 BERNARD MARK EVER (PI)

3/15/1996-5/31/2014

Surgical Studies of Functional Gene Expression

Role: PI

R25CA153954-01 BERNARD MARK EVER (PI)

9/3/2010-7/31/2015

The University of Kentucky Cancer Nanotechnology Training Center (UK CNTC)

Role: MPI

P30CA147886-02 BERNARD MARK EVER (PI)

9/30/2009-8/31/2013

Supporting New Faculty Recruitment Through Biomedical Research Core Center

Role: PI

R37AG010885-21 BERNARD MARK EVER (PI)

8/1/1992-5/31/2013

Surgical Studies of Ontogeny, Aging and the Gut

Role: PI

R01DK048498-17 BERNARD MARK EVER (PI)

3/15/1996-5/31/2014

Surgical Studies of Functional Gene Expression

Role: PI

P20CA150343-03 BERNARD MARK EVER (PI)

9/28/2009-8/31/2013

UK SPORE in Gastrointestinal Cancer

Role: PI

R25CA153954-02 BERNARD MARK EVER (PI)

9/3/2010-7/31/2015

The University of Kentucky Cancer Nanotechnology Training Center (UK CNTC)

Role: MPI

T32CA160003-01 BERNARD MARK EVER (PI)

7/1/2011-6/30/2016

Oncology Research Training for Surgeon-Scientists

Role: PI

R44GM084552-04 BERNARD MARK EVER (PI)

7/1/2008-8/31/2013

New Reagents for Synthesis of High Potency siRNA

Role: MPI

R01DK048498-18 BERNARD MARK EVER (PI)

3/15/1996-5/31/2014

Surgical Studies of Functional Gene Expression

Role: PI

T32CA160003-02 BERNARD MARK EVER (PI)

7/1/2011-6/30/2016

Oncology Research Training for Surgeon-Scientists

First Step/Small Cog

- SciENCV represents a first attempt to build a framework for gathering data from multiple different Federal Agencies and exposing it for consumption along with correlated data from other sources.
- The grand vision should be to create a framework of interoperable data sets based on broadly accepted standards to promote scientific discovery, make research administration more efficient and reduce administrative burden
- SciENCV is only one part of this framework, but a particularly important one, as the Federal Agencies represent a key source of authoritative data without which the grand vision becomes much harder to attain.
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Future Integration

- Profile Systems (i.e., VIVO, SciVal, Harvard Catalyst, Elsevier, Pivot/COS, homegrown, etc)
- Research Admin systems (Coeus, Kuali Coeus, Cayuse, InfoEd, Click Commerce, etc)
- Publications (PubMed, Scopus, Google Scholar, RePEc, PubChem, SSRN, and many, many others)
- Others (CrossRef, FundRef, LinkedIN, individual resumes/CVs, etc)
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Future Use Cases

- Faculty:
 - Search for collaborators
 - Locate research resources to prevent duplication of effort
 - Promote attribution of products of scholarly activities (e.g. impactstory.org)
 - Promote scientific discovery by leveraging links between publications, resources and existing scientific knowledge
 - Reduce burden by importing data into institutional systems, such as web pages, promotion and tenure packages, and pre-populating or obviating the need to re-enter data into federal systems.
- Academic Institutions:
 - Analysis of current research portfolio to identify emerging areas of strength
 - Analysis of effectiveness of past investments
 - Identification of candidate complementary clinical and translational teams to address particular problems or respond to RFPs
 - Identification of potential scientific recruits
- Agencies:
 - Identify experts, review panel participants
 - Analyze research that is being funded
 - Analyze the impact of research investments on the economy

Benefits

- Create CV/Biosketches – multiple views/personal statement
- Voluntary participation/Researcher provides data on outcomes
- Generate support pages in agency formats
- Longer term:
 - Streamline application preparation and progress reporting
 - Step on the path to eliminating the biosketch
 - Identify collaborators/research areas
 - Analysis of results from research investments
 - Picture of impact on local/regional economy



Benefits

- Federated Login
- Ease of participation across platforms/services
- Common data model
- Attach multiple logins to one profile
- Reduce data entry by feeding from existing systems/services
- Social Media Interaction
- Manage view of profile information (public v. private)
- Ease in managing/controlling content of profile

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Future

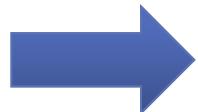
Tentative Time Line

- January 2013
 - Input from FDP
 - Identify potential barriers to adoption
 - Begin to define success for the pilot
- May/June 2013
 - Limited release
 - FDP identified volunteers
 - Stratify test population?
 - public/private, large/small institutions?
 - Usability and interface testing
 - Different platforms/services
 - Design enhancements
 - FDP input on metrics of success
- August 2013
 - Deploy production level pilot
 - Collect user input and satisfaction assessments
- September 2013
 - Discuss outcomes/usability/success with FDP
 - Identify most important future capabilities
 - Plan to incorporate future enhancements

Project Plan

Inputs

ORCID
eRA Commons
NSF
USDA
ViVO
IMPAC II
NCBI My Bibliography
etc.



SciENcv

IDs
Name
Affiliation
Education
Honors
Awards
Personal Statement
Contributions
Grants
Publications
Collaborators
Patents
etc.

Outputs



NIH Biosketch
NSF Biosketch
CV
Profile systems
Networking
Grant applications
etc.

Discussion/Q&A

