

2011-11-01

Challenges and Opportunities for Medical Institutional Repositories

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Thomas Jefferson University

Et al.

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Kipnis D, Koopman AE, Palmer LA. (2011). Challenges and Opportunities for Medical Institutional Repositories. Library Publications and Presentations. <https://doi.org/10.13028/b2j0-j730>. Retrieved from https://escholarship.umassmed.edu/lib_articles/135

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Challenges and Opportunities for Medical Institutional Repositories

November 1, 2011
On Twitter: #medir11

Who Are We?

- **Dan Kipnis, MSI**

Manager, Jefferson Digital Commons and Senior Education Services Librarian, Thomas Jefferson University



- **Ann Koopman, AM**

Founder, Jefferson Digital Commons and JEFFLINE Editor, Thomas Jefferson University



- **Lisa Palmer, MSLS, AHIP**

Institutional Repository Librarian, Lamar Soutter Library, University of Massachusetts Medical School



Who Are You?

- Question #1: Who already has an institutional repository?
 - Question #2: What is of most interest to you today?
-

Jefferson

- Historic, founded 1824
- Private
- ~3500 students
- All health sciences, all the time

UMMS

- Modern, founded 1962
 - Public
 - ~1040 students
 - One of 5 UMass campuses
-

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"...let us save what remains: not by vaults and locks which fence them from the public eye and use in consigning them to the waste of time, but by such a multiplication of copies, as shall place them beyond the reach of accident."

--Thomas Jefferson to Ebenezer Hazard, Philadelphia, February 18, 1791. In Thomas Jefferson: Writings: Autobiography, Notes on the State of Virginia, Public and Private Papers, Addresses, Letters, edited by Merrill D. Peterson. New York: Library of America

AISR News & What's New on JEFFLINE

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At a Glance

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All time

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20 most recent additions

Paper of the Day

Fellowship training and career outcomes for primary care physician-faculty
Julie Scott Taylor, Robert H. Friedman, *et al.*

How Have Our Purposes Evolved?

- Original publication vs. archiving
 - \$\$ savings on publication expenses for departments.
 - Departmental services
 - Visibility on campus
 - Visibility of our schools on the Internet
-

More Than Just Articles

Any IR

- Faculty articles
- In-house journals
- Student projects
- Conference posters & proceedings
- Historical materials
- Lectures/Podcasts
- Teaching materials
- Departmental records

Special Opportunities for Medical IRs

- Patient education
 - Protocols
 - Grand rounds
 - Data storage to meet grant requirements
 - Clinical & Translational Sciences (CTSA) program support
-

Anatomy videos - JDC

<http://jdc.jefferson.edu/vghd/>



Patient Education - JDC

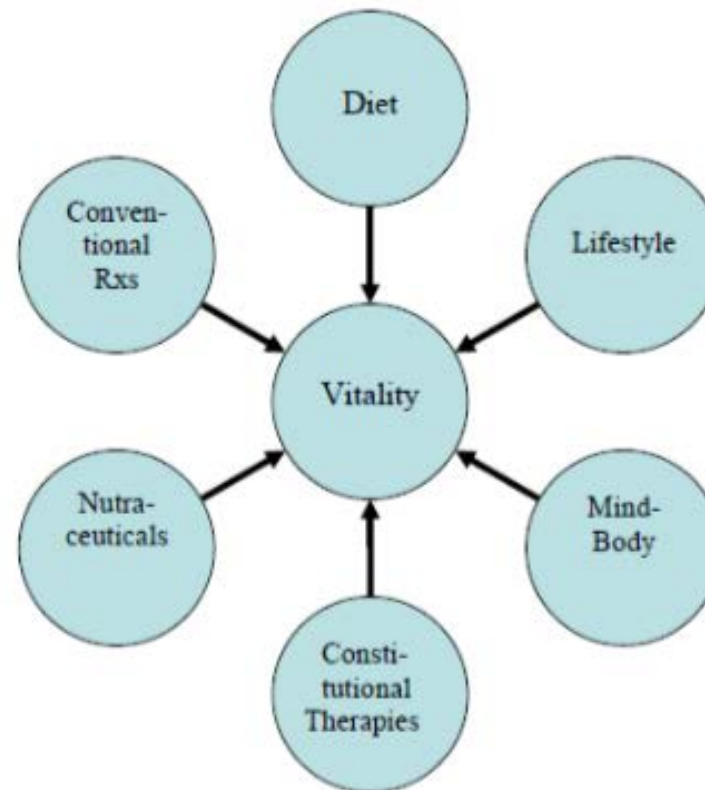
<http://jdc.jefferson.edu/photonovels/>



Protocols - JDC

<http://jdc.jefferson.edu/cim/>

Our core approach to treating cancer is to care for each individual patient, and support his or her vitality in a comprehensive way. Nutrition, lifestyle change, mind-body skills, constitutional treatments, and psychospiritual support are all essential features of our program. Graphically this can be represented by the following figure:



Rare Books - JDC

<http://jdc.jefferson.edu/historical/>



Student International Trip Reports - UMMS

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Article Locations



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Argentina 2010

[Rachel Androphy](#), *University of Massachusetts Medical School Worcester*

Year of Medical School

4th Year

Date of Report

5-2010

Document Type

Report

Country

Argentina

Region

South America

Dates of Visit

February 2010

Sites Visited

Asociacion Piel: Cirugia Plastica Infantil, Argentina

Site Descriptions

Urban clinic and hospital

Site Addresses

Av. J.B. Palaá 536, Avellaneda, Argentina

Languages Used


Intermediate level Spanish language

Type of Opportunity

Language/Cultural Immersion; Clinical rotations in: pediatric plastic surgery and pediatric anesthesia

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E-journals - UMMS

http://escholarship.umassmed.edu/neurol_bull/
<http://escholarship.umassmed.edu/pib/>

The screenshot displays the UMMS e-journal website. The top left features the UMMS logo and navigation links: Journal Home, About this Journal, Editorial Board and Staff, Guidelines for Authors, Submit Article, Contact Us, and Receive Custom Email Notices or RSS. The main content area is divided into two columns. The left column is for the Neurological Bulletin, featuring the title 'NEUROLOGICAL BULLETIN' and the subtitle 'FEATURING ARTICLES BY TRAINEES IN NEUROLOGY & NEUROSCIENCE'. It lists the current issue as Volume 2, Issue 1 (2010) and includes sections for Articles, Case Reports, and Reviews. The right column is for Psychiatry Issue Briefs, featuring the title 'Psychiatry Issue Briefs' and the subtitle 'A Center for Mental Health Services Research and Career Development and Research Office Publication'. It includes a navigation menu with 'My Account', 'FAQ', 'About', and 'Home', and a list of authors for the article 'The Impact of Suicide Calls on Police'. The bottom right of the page includes a 'Download' button, 'Tell a Colleague', 'Print', 'Get Adobe Reader', and 'BOOKMARK' icons.

University of Massachusetts Medical School

NEUROLOGICAL BULLETIN

FEATURING ARTICLES BY TRAINEES IN NEUROLOGY & NEUROSCIENCE

Current Issue: Volume 2, Issue 1 (2010)

Articles

DBS-implanted Parkinson's Disease Patients Show Better Olfaction Than Those Treated M
Mary Linton Peters, Paula Ravin, Peter Novak, Anthony M. Burrows, Joan Swearer, Jean K
Kumar Dundamadappa, and Julie G. Plittsis

Case Reports

Focal Clonic Seizures Suggest Stroke in a Newborn
Amy A. Gelfand, Hannah C. Glass, Elysa J. Marco, and Donna M. Ferriero

On Catatonia and Dementia: A Case Report
Jordan Eisenstock

Reviews

Immunization in Patients With Multiple Sclerosis

University of Massachusetts Medical School

Psychiatry Issue Briefs

UMass Department of Psychiatry
Massachusetts Department of Mental Health
A Center for Mental Health Services Research and Career Development and Research Office Publication

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The Impact of Suicide Calls on Police

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Abstract

This Issue Brief examines the impact and stressors for police officers of responding to completed suicide calls. The authors present findings from a study of over 225 Massachusetts police officers and offer training recommendations to address mental health needs within the law enforcement community.

Conference Websites - UMMS

http://escholarship.umassmed.edu/cts_retreat/



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Clinical and Translational Science Research Retreat

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2011 Clinical and Translational Science Research Retreat

Friday, May 20, 2011

Hoagland Pincus Conference Center
Shrewsbury, Mass.

The 2nd Annual Clinical and Translational Science Research Retreat, "Creating Science Collaborations across the Commonwealth: Translating the Life Science Moment," highlighted the ongoing work being done at UMass Medical School, clinical partner UMass Memorial Health Care, other UMass campuses, and other participating institutions to fulfill the mission of the UMass Center for Clinical and Translational Science ([UMCCTS](#)).

The retreat was jointly sponsored by the UMass Center for Clinical and Translational Science, and the UMass Medical School Office of Continuing Medical Education.

This website features a collection of [presentations](#) and [posters](#) from the retreat contributed by speakers and presenters.

View the retreat's [full agenda and schedule](#) (PDF format)

RSS Feeds from IR Update School Web Pages - UMMS

<http://www.umassmed.edu/gsbs/index.aspx>

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GSBS STUDENT PUBLICATIONS

Since the school's inception in 1979, students in the Graduate School of Biomedical Sciences have contributed more than 1000 research articles to the field of biomedical sciences. The collection makes this body of work accessible to our students, faculty, potential recruits, and the general public in Massachusetts. To view this collection broken out by academic program, visit [GSBS Academic Program](#).

Attention GSBS students: Click on [Submit Research](#) in the left sidebar to submit your work. You will need to log in or create a free account. If you have the article's PubMed ID, submission number, or PubMed ID and information from PubMed will be used to populate the submission form for you.

Submissions from 2011

- [Link](#) [Factors associated with Medicaid patients' access to buprenorphine treatment](#)
Robin E. Clark, Mihail D. Samnaliev, Yat (Gary) Leung, and Lobat Hashemi
- [Link](#) [MicroRNA therapeutics](#), Jennifer A. Broderick and Phillip D. Zamore
- [Link](#) [Remembering nutrient quality of sugar in Drosophila](#), Christopher J. Burkhardt
- [Link](#) [Mindfulness training for coping with hot flashes: results of a randomized trial](#)
L. Crawford, Elena Salmoirago Blotcher, Katherine Leung, Linda C. Church

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ABOUT FUTURE STUDENTS STUDENTS & FACULTY ALUMNI POSTDOCTORAL SCHOLARS

STUDENT PUBLICATIONS

Identification of Influenza Cases During the H1N1 Pandemic in Massachusetts Using Population-Based H...

On Characterizing Adaptive Events Unique to Modern Humans

Xenopus laevis oocytes infected with multi-drug-resistant bacteria: implications for electrical reco...

Factors associated with Medicaid patients' access to buprenorphine treatment

NEWS

MD-PhD Student, Keith Romano, Awarded Journal of Biological Chemistry Herbert Tabor Young Investigator Award

MD-PhD Student, Jen MacDonald, Wins Visions Community Award

MD-PhD Student, Bharath Nath, Presents at American Association for the Study of Liver Diseases 2009 Annual Conference

Two UMMS GSBS Students Awarded the 2010 Harold M. Weintraub Graduate Student Award by The Fred Hutchinson Cancer Research Center

[More News](#)

UPCOMING EVENTS

Wednesday, August 31, 2011
BBSMDPHD
Dissertation Defense of Kimberly T. Leblanc, "Genetic And Epigenetic Contributions Of Runx Transcription Factors To Chondrogenesis And Osteoarthritis"
Location: LRB 101, Michelson Conference Room
Time: 1:00 PM-2:00 PM

Wednesday, September 07, 2011
GSBS
Faculty Poster Session
Location: Faculty Conference Room
Time: 1:00 PM-3:00 PM

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Successful Partnerships



UMMS Partnership with Dept. of Psychiatry



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[Colleen E. McKay](#)

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Rehabilitation

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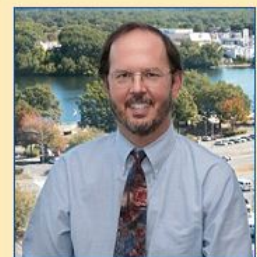
Ways to Give and Volunteer



Watch for our upcoming Be Mentally Well lecture: **Understanding the Complex World of Bullying**, Oct. 12, 2011. Open to the public. More details to come.

new! **UMass Medical School** and clinical partner **UMass Memorial Health Care** have been invited to join the National Network of Depression Centers (NNDC) as a Center of Excellence. The NNDC brings together researchers and clinicians at academic health science centers nationwide to improve the quality, effectiveness and availability of diagnosis, treatment and prevention for depression and related mood disorders. [Read](#) the article in the August 5 *UMass Med Now*.

"An Act Relative to Insurance Coverage for Autism" (ARICA), signed into law by the Massachusetts state legislature in August 2010, requires that private health insurance companies cover the diagnosis and treatment of autism in



Psychiatry Issue Briefs: A Librarian/Faculty Publishing Collaboration

Lisa Palmer, MSLS, AHIP
Kathleen Biebel, PhD

University of Massachusetts Medical School

Presented at the
2011 MAHSLIN Annual Meeting
May 6, 2011



Jefferson Partnership with School of Population Health



The screenshot displays the website for the Health Policy Newsletter. The top navigation bar includes links for Home, About, FAQ, and My Account. The main content area features a breadcrumb trail (Home > Jefferson School of Population Health > HPN) and a section for the current issue: Volume 24, Issue 3 (2011), published in Summer 2011. Below this, there is an 'Article' section with two entries, each with a PDF icon and a title: 'HPN Summer 2011 Download Full PDF' and 'New Health Insurance Exchanges Expected to Address the Health Care Iron Triangle' by Shawn Nowicki MPH. On the right side, there is a portrait of David B. Nash, MD, MBA, who is the Dean of the Jefferson School of Population Health, Thomas Jefferson University. The left sidebar contains a 'Journal Home' section with links to Contact Us, All Issues, Editorial Board, and Advertising. Below this is a 'Most Popular Papers' section and a 'Receive Custom Email Notices or RSS' section. At the bottom, there is a search bar with a dropdown menu set to 'All Issues' and a 'Browse' button, and another search bar with a dropdown menu set to 'in this journal' and a 'Search' button. A large blue banner at the bottom of the page reads 'SCHOOL OF POPULATION HEALTH: CONFERENCES AND SYMPOSIA' and lists two collections: 'Building the Chain of Safety: Stakeholders Summit' and 'Diabetes: Seeking Patient-Centered Solutions to a National Epidemic'.

Jefferson
Health Policy
NEWSLETTER

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Current Issue: Volume 24, Issue 3 (2011)
Health Policy Newsletter Summer 2011

Article

PDF HPN Summer 2011 Download Full PDF

PDF New Health Insurance Exchanges Expected to Address the Health Care Iron Triangle
Shawn Nowicki MPH

David B. Nash, MD, MBA
Dean
Jefferson School of Population Health, Thomas Jefferson University

SCHOOL OF POPULATION HEALTH: CONFERENCES AND SYMPOSIA

Browse the School of Population Health: Conferences and Symposia Collections:

Building the Chain of Safety: Stakeholders Summit

Diabetes: Seeking Patient-Centered Solutions to a National Epidemic

Challenges & Opportunities



Who does the work of loading faculty and staff publications?

- Faculty disinterest in loading content
 - Paraprofessional retraining
 - Quality control
 - Metadata
-

Staffing & integration of IR duties among specialty staff

- In-house scanning projects
 - Copyright clearance
 - Metadata
 - Liaison with academic departments
 - Project status vs. institutionalization
-

Proprietary Concerns

Sigma Xi Student Research Day 2008 Poster Abstracts

- 94) **Ret/PTC 3 Induction of NF κ B in Inflammation and Cancer.** Neely, Robert J., Rothstein, Jay L., *May, Michael J., Department of Immunology and Microbial Pathogenesis, Thomas Jefferson University, and Department of Animal Biology, University of Pennsylvania

Field Topic:

Physiology and Immunology

The expression of the oncogenic fusion protein Ret/PTC 3 (RP3) has been found in both Hashimoto's thyroiditis and in the differentiated thyroid malignancy, papillary thyroid carcinoma (PTC). RP3 is an oncogene formed from a translocation involving the N-terminal portion of RFG and the C-terminal kinase domain of the receptor tyrosine kinase c-RET. The full length c-RET receptor, once activated by ligand binding and autophosphorylation of its kinase domain, signals via the ras/raf/MAPK and PI3-K/AKT pathways. This signaling has been reported to be important in the activation of NF κ B. Intriguingly, it was recently shown that the c-RET receptor plays a role in Peyer's patch development which has been reported to be dependant on the non-cannonical NF κ B pathway. However, the RP3 fusion protein does not contain the transmembrane portion of the full-length receptor and only 20% of expressed RP3 has been observed to be membrane bound. These findings therefore leave in question the signaling mechanisms induced by RP3 that underlie its pro-inflammatory function. To address this question, we have generated epithelial cell lines stably expressing RP3 and found that the classical NF- κ B pathway is robustly activated in these cells. Furthermore, RP3 expression enhances p100 processing to p52 in the RP3 expressing cells. We are currently delineating the mechanisms of RP3's activation of the NF κ B pathways as understanding these may lead to the development of potential novel therapeutic targets.

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Seminars in Nuclear Medicine
Volume 39, Issue 4, July 2009, Pages 236-246
Hybrid Imaging Anniversary Issue (Part I)

doi:10.1053/j.semnuclmed.2009.03.006 | How to Cite
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Genomic Biomarkers for Predicting the Future

Mathew L. Thakur PhD

^a Laboratories of Radiopharmaceutical Research, Jefferson University, Philadelphia, PA

Semin Nucl Med. Author manuscript; available in PMC 2010 July 1.
Published in final edited form as:
[Semin Nucl Med. 2009 July; 39\(4\): 236-246.](#)
doi: [10.1053/j.semnuclmed.2009.03.006.](#)

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**Genomic Biomarkers for Molecular Imaging
Predicting the future**

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7-1-2009

The publisher's final edited version of this article has been published in [Seminars in Nuclear Medicine](#).

Publisher's Disclaimer

Genomic biomarkers for molecular imaging: predicting the future.

Mathew L. Thakur
Thomas Jefferson University, mathew.thakur@jefferson.edu

Open Access and Research Data

- IRs can be part of the solution
- Institutional open access mandates
- Dataset storage: NSF requirement; student dissertations; journal articles

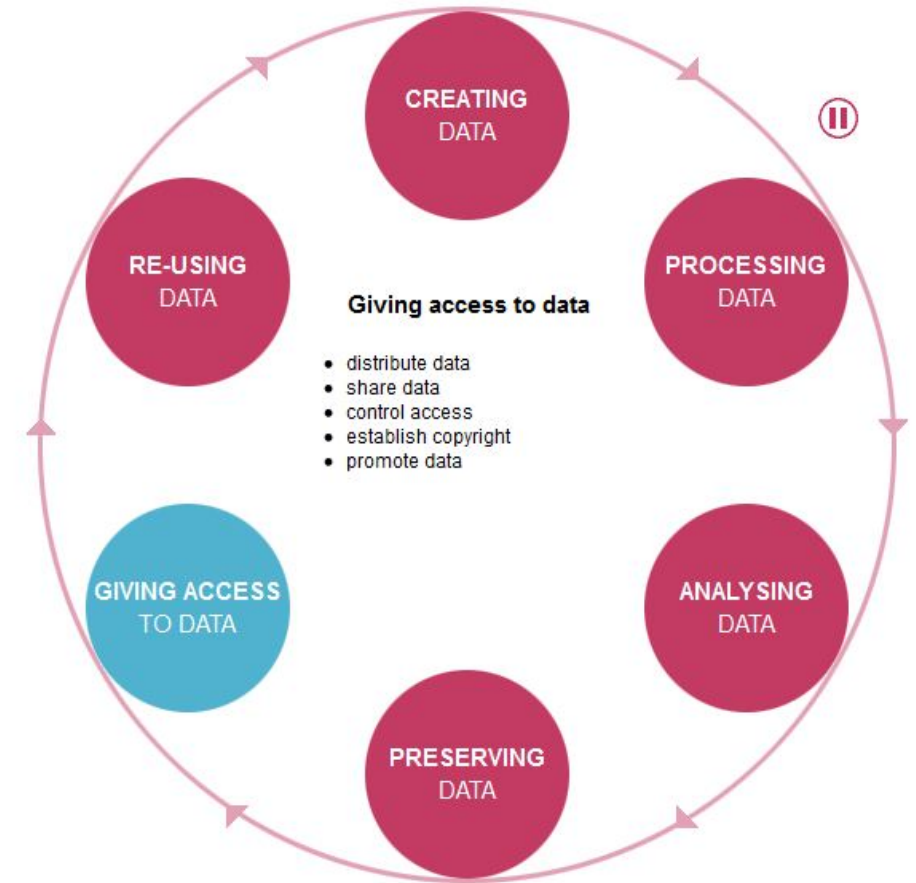


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<http://www.data-archive.ac.uk/create-manage/life-cycle>

Looking Ahead



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Future Challenges

- Broadening outreach to new populations, such as retired faculty
 - Finding ways to autopopulate the IR
 - Incorporating research data
 - Use of Wikipedia links to generate traffic
 - Collaboration with Public Relations department on promotions and alerts
 - Application of Google Analytics for additional data on site use
-

Questions?

- Contact us
 - Dan Kipnis: Dan.Kipnis@jefferson.edu
 - Ann Koopman: Ann.Koopman@jefferson.edu
 - Lisa Palmer: Lisa.Palmer@umassmed.edu
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