



# Vitamin D Publications and Nutri-Genomic Study Update

**M. Edwina Barnett, MD, PhD, MBA, CCBMI, FACP**  
*Director, Data Coordinating Center*

**Steering Committee Meeting**  
20 September 2016



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# Vitamin D Pilot Study Publications

Title	Status
<p>D. Martins, Y. Meng, N. Tareen, J. Liu, J. Atarza, J. Lee, G. Gibbons, KC Norris.</p> <p><b>“An optimum Vitamin D dosing schedule for overweight and obese African-American adults with Vitamin D deficiency.”</b></p>	<ul style="list-style-type: none"> <li>• Preparing resubmission</li> <li>• PIs plan to combine with the results from Nutri-Genomic Study</li> </ul>
<p><b>Does Supplementing Vitamin D Improve Blood Pressure in African Americans</b></p>	<p>Draft in early stage</p>
<p>Michelle Didero, Keith C. Norris, David Martins, Jae Eun Lee, Yuan-Xiang Meng, Susanne B. Nicholas.</p> <p><b>“Assessment of vitamin D repletion on cFGF23, PAI-1, and vascular function in a high-risk African American cohort”</b></p>	<ul style="list-style-type: none"> <li>• DCC conducted data analysis</li> <li>• <b>Jun 22, 2016</b> - Abstract was presented at the David Geffen School of Medicine @ UCLA Josiah Brown Summer Research Poster Fair, Los Angeles, CA.</li> <li>• The results of the data analyses were included in the RTRN Administrative Supplement grant proposal</li> </ul>



RTRN is supported by grant number U54MD008149 from the [National Institute on Minority Health and Health Disparities](#), National Institutes of Health.

# Active Research Projects

Title	PI(s)- Institution	Status
<p>To Study the <b>Nutri-Genomic</b> response of Vit-D supplementation in African-Americans</p> <p># 1</p>	<p>David Martins- CDU and Yuan-Xiang Meng- MSM (Co-PI) Naureen Tareen- CDU</p>	<ul style="list-style-type: none"> <li>• <b>IRB Renewal Approvals:</b> <ul style="list-style-type: none"> <li>▪ CDU ( Sep 17, 2015 - Sep 16, 2016) <i>(Continuing Review submitted Aug 31)</i></li> <li>▪ DCC -- approved until Mar 10, 2017</li> <li>▪ MSM -- Jun 15, 2016 - Jun 14, 2017</li> </ul> </li> <li>• <b>Weekly Meetings</b> <ul style="list-style-type: none"> <li>▪ Meetings continue on Fridays @1230pm Central Time</li> </ul> </li> <li>• <b>Reports:</b> <ul style="list-style-type: none"> <li>▪ The Monthly Census and NIH Reports continue to be sent</li> </ul> </li> <li>• <b>Statistical Analyses:</b> <ul style="list-style-type: none"> <li>▪ The data and code-breaking information were given to the blinded study statistician</li> <li>▪ Several discrepancies were found and resolved by the sites</li> <li>▪ Draft data tables were given to the PIs and Dr. Norris for review on Aug 4, 2016</li> <li>▪ Four meetings were held to discuss the analyses; additional analyses were requested during these meetings</li> <li>▪ <b>Final data analysis occurred on Sep 9, 2016</b></li> </ul> </li> <li>• <b>Personnel:</b> <ul style="list-style-type: none"> <li>▪ The last day for the Study Coordinator at Charles Drew University was Aug 31, 2016.</li> </ul> </li> </ul>



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# Active Research Projects

Title	Proposed Dates	CDU Actual Dates	MSM Actual Dates
<b>To Study the Nutri-Genomic response of Vit-D supplementation in African-Americans</b>	Last Patient Last Visit Fri. Jan 15, 2016	Jan 20, 2016	Dec 29, 2015
	All Patients' data in the database: Fri. Jan 29, 2016		Dec 30, 2015
	All Patients' data in the database: Fri. Feb 19, 2016 (extension)	Feb 17, 2016	
	Queries resolved Tue. Feb. 23, 2016	Feb 23, 2016	Feb 23, 2016
	PIs approval for database Lock:	Feb 25, 2016	
	DCC locked database	Mar 02, 2016	
<b>David Martins- CDU and Yuan-Xiang Meng- MSM</b>  (Co-PI) Naureen Tareen- CDU	Lab Import: Fri Mar 04, 2016	Apr 26, 2016	
	Start of statistical data review: Fri Mar 18, 2016	May 03, 2016	
	All queries resolved: Mon Mar 21, 2016	Jun 09, 2016	Jun 08, 2016
	Completion of statistical data review	Jun 29, 2016	
	Database approval for Freeze: Tue Mar 22, 2016	Jun 30, 2016	Jul 01, 2016
	Database Freeze	Jul 05, 2016	
	<b>Request for Un-blinding codes</b>	<b>Jul 07, 2016</b>	
	<b>Received the Un-blinding codes</b>	<b>Jul 22, 2016</b>	
	<b>Randomization codes and Kit numbers approved by the PIs</b>	<b>Aug 02, 2016</b>	<b>Jul 29, 2016</b>
	<b>Provided first draft of preliminary data tables</b>	<b>Aug 04, 2016</b>	
	<b>Final Data Analysis: Fri. Sep 09, 2016</b>	<b>Sep 09, 2016</b>	
	<b>Data Released: Fri. Sep 16, 2016</b>	<b>(Pending)</b>	

# 2



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# Data Coordinating Center Update

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# Active Research Projects

<p><b>Title</b></p>	<p><b>Adherence to Highly Active Anti-Retroviral Therapy (HAART): a Trans-Caribbean Study</b></p> <p><b>University of Puerto Rico (Dr. Carmen Zorrilla, PI)</b></p>
<p><b>Description</b></p>	<ul style="list-style-type: none"> <li>• A study to determine the adherence rate to HAART among 500 patients at 3 Caribbean sites (Haiti, Jamaica, and Puerto Rico) and to determine the common or unique predictors of adherence</li> <li>• The results will assist in the development of interventions to increase adherence in a region with many cultural similarities and differences</li> </ul>
<p><b>Status</b></p> <p><b>#1</b></p>	<ul style="list-style-type: none"> <li>• <b>Haiti</b> <ul style="list-style-type: none"> <li>○ Updating Tracking Form to identify which forms have been completed and are available for review.</li> <li>○ Working on the next set of Data Clarification Forms (DCFs) to be sent to the site.</li> <li>○ Study Coordinator was out the month of August on “annual leave”.</li> </ul> </li> <li>• <b>UPR</b> <ul style="list-style-type: none"> <li>○ Hosted a webinar to re-train the two Co-PIs on how to enter data into the database.</li> <li>○ After the webinar answered numerous email questions on how some items should be entered.</li> </ul> </li> <li>• <b>Jamaica</b> <ul style="list-style-type: none"> <li>○ Answered questions that the site had via email.</li> <li>○ Hosted a webinar to review how to enter information into the database.</li> <li>○ Updating Tracking Form to identify which forms have been completed and are available for review.</li> <li>○ Working on the next set of DCFs to be sent to the site.</li> </ul> </li> </ul>



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# Active Research Projects

**Adherence to Highly Active Anti-Retroviral Therapy (HAART): a Trans-Caribbean Study**

▪ **Regulatory**

- Haiti / IRB Continuing Review approval – effective until Sep 25, 2016 (*preparing renewal*)
- Jamaica/IRB Continuing Review approved –effective until Nov 24, 2016
- DCC / IRB Continuing Review approval – effective until Feb 17, 2017
- UPR / IRB Continuing Review approved – effective until Jun 06, 2017

Status

Database Status	Haiti			UPR			Jamaica			Total		
26-Aug-2016	Female	Male	UNK	Female	Male	UNK	Female	Male	UNK	Female	Male	UNK
	131	66	3	2	0	0	11	11	0	144	77	3
<b>TOTAL ENROLLED</b>	200			2			22			224		
	<b>Total # DCFs Generated</b>			<b>Total # DCFs Sent to Site</b>			<b>Total # DCFs Received back from Site</b>			<b>Total # DCFs Outstanding</b>		
Haiti	172			172			130			42		
UPR	0			0			0			0		
Jamaica	9			6			6			0		
Total	181			178			136			42		

#2



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# Active Research Projects

Adherence to Highly Active Anti-Retroviral Therapy (HAART): a Trans-Caribbean Study	26-Aug-2016	Haiti			Total	Puerto Rico			Total	Jamaica			Total	GRAND TOTAL 347 CRFs
	DATABASE Forms	n=200 data on CRFs				n=117 data on CRFs				n=79 data on CRFs				
		Incomplete	Unverified	Complete		Incomplete	Unverified	Complete		Incomplete	Unverified	Complete		
Medication Adherence Assessment		121	0	79	200	0	0	2	2	19	0	3	22	224
Informed Consent		115	0	85	200	0	0	2	2	5	0	17	22	224
Participant Information		130	2	68	200	1	0	1	2	8	0	14	22	224
Lab Results		141	0	59	200	0	0	2	2	10	0	12	22	224
Laboratory Form		200	0	0	200	2	0	0	2	22	0	0	22	224
Adherence Questionnaire		118	0	82	200	1	0	1	2	10	0	12	22	224
CES-D Depression Scale		118	0	82	200	0	0	2	2	5	0	17	22	224
Socio-Demographic Lifestyle Questionnaire		126	1	73	200	1	0	1	2	18	0	4	22	224
Stigma of HIV/AIDS: Personal View		118	0	82	200	0	0	2	2	6	0	16	22	224

Status

#3



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# Active Infrastructure Project

<b>Title</b>	<b>Puerto Rico Clinical and Translational Research Consortium (PRCTRC) - i2b2 and ETL Implementation University of Puerto Rico (Dr. Cruz-Correa)</b>
<b>Description</b>	<ul style="list-style-type: none"><li>• The <b>Hispanic BioBank <a href="#">i2b2</a> Workgroup</b> with <b>support from DCC</b> plans, coordinates, and performs the i2b2/database technical implementation activities.</li><li>• <u>DCC Information Security &amp; Technology Integration Division (ISTI)</u> is to :<ol style="list-style-type: none"><li>1. Provide technical assistance in deploying hardware and software for i2b2 node(s), the i2b2 core server node and the i2b2 web client software.</li><li>2. Create the i2b2 star schema and populate the schema with the standard i2b2 ontology.</li><li>3. Build extract, transform, and load (ETL) processes to streamline loading patients' clinical and demographic data.</li><li>4. Participate in the quarterly meetings of the PRCTRC Workgroup and provide technical input into the implementation plan of the Hispanic BioBank</li></ol></li></ul>
<b>Status</b>	<ul style="list-style-type: none"><li>• <b>Jul 08, 2016 - i2b2 “PROTOTYPE”</b> provided to <b>Dr. Mary Helen Mays</b>, Lead for the Biomedical Informatics Core, for presentation at their EAC Meeting</li><li>• <b>Aug and Sep, 2016</b> - Provided support to PRCTRC team on:<ul style="list-style-type: none"><li>• How to handle patients' identifiers</li><li>• Mapping data elements to the i2b2 ontology</li><li>• How to prepare a staging area for data mart processing before loading into i2b2</li><li>• Utilization of the ETL process to load data into i2b2</li></ul></li></ul>

# Project Update

Title	The Puerto Rico Clinical and Translational Research Consortium (PRCTRC)
Description	<ul style="list-style-type: none"> <li>• PRCTRC purpose is to advance translation of knowledge and to have an impact on health disparities in Puerto Rico. They are a centralized clinical and translational research program (<a href="http://www2.rtrn.net/researchhub/?page_id=223">http://www2.rtrn.net/researchhub/?page_id=223</a>)</li> <li>• <u>DCC Biostatistics &amp; Research Development Division (B&amp;RD)</u> is to :               <ol style="list-style-type: none"> <li>1) provide consultations/ support to PRCTRC Research Design and Biostatistics Core (RDB ) in design and statistical analysis for PRCTRC projects and methodological evaluation of PRCTRC pilot project program applications;</li> <li>2) provide guidance and consultations to RDB core and PRCTRC investigators on analysis of large secondary datasets for developing manuscripts /presentations /ancillary studies;</li> <li>3) consult with Consortium investigators in developing grant proposals; and</li> <li>4) help organize/implement training programs to increase the statistical and research capabilities of RDB staff and Consortium investigators in the area of research design, statistical methods, data management and research ethics</li> </ol> </li> </ul>
Status	<p><b>Aug 11, 2016: Received a request for genetic data analysis from Dr. Jacqueline Flores Otero at UPR (grant # NIMHD8G12-MD007600)</b></p> <ul style="list-style-type: none"> <li>• Title of the project = “Molecular Analysis of Retinoblastoma Tumors”</li> <li>• <b>Aug 17, 2016:</b> provided analyses (dendrogram, boxplot, and scatterplot)</li> <li>• <b>Aug 22, 2016:</b> Had teleconference with PI to discuss the results</li> <li>• Ordered JMP software for better data visualization</li> </ul>



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# Project Update

Title	RTRN DCC / Jackson Heart Study (JHS) Vanguard Center
Description	<ul style="list-style-type: none"> <li>Partnership with JHS is designed to stimulate interest throughout the RTRN community to utilize the data available through the Jackson Heart Study in the development of scientific literature, publications and ancillary studies</li> <li>For more information, visit <a href="http://www2.rtrn.net/researchhub/?page_id=223">http://www2.rtrn.net/researchhub/?page_id=223</a></li> </ul>
#1 Status	<ul style="list-style-type: none"> <li><b>Manuscript Development</b> Manuscript entitled “Role of inflammation in progression of diabetic nephropathy (DN) among African Americans (AA) in the Jackson Heart Study: A Modeling, Validation and Comparison Study” for <b>Dr. Satyesh Sinha at Charles Drew University</b> (<u>2015 RTRN Small Grant Awardee</u>) <ul style="list-style-type: none"> <li>Conducted data analyses and created 4 tables and 1 figure.</li> <li>Provided methods section and interpretation of the tables and figure.</li> <li>PI is working on Introduction and Discussion parts</li> </ul> </li> <li><b>Manuscript Proposal Development</b> <ul style="list-style-type: none"> <li>Preparing manuscript proposal titled “The association between perceived discrimination and dietary CVD risk factors among African Americans in the JHS” for <b>Dr. Zaggag Munder at Texas Southern University</b></li> <li>DCC provided statistical plan section and review of the study design and entire proposal</li> <li>DCC recommended expanded literature review for the Introduction</li> </ul> </li> </ul>



# Project Update

Title	RTRN DCC / Jackson Heart Study (JHS) Vanguard Center
<p>Status</p> <p>#2</p>	<ul style="list-style-type: none"> <li>• <b>Abstract Submission:</b> <ul style="list-style-type: none"> <li>• <b>Aug 11, 2016</b> - Submitted abstract has been accepted for the American Society of Nephrology Kidney Week 2016  Satyesh Sinha, Jung H Lee, Keith Norris, Susanne B Nicholas, and Jae Lee.  <b>“Levels of C-reactive Protein is associated with the progression of diabetic nephropathy in African American in Jackson Heart Study Cohort”</b></li> </ul> </li> <li>• <b>Presentation:</b>  Prepared slides for the Research Centers in Minority Institutions – Center for Environmental Health (RCMI-CEH) Distinguished Seminar Series that occurred on <b>Aug 31, 2016</b>. Presentation was entitled:  <b>“Facilitating Academic Collaboration through Data-Sharing: JHS Vanguard Center @ RTRN DCC in JSU”</b></li> </ul>



# Project Update

Title	Mississippi Delta Cardiovascular Health Examination Survey (CHES) Data Processing and Data File Delivery
Description	<p>Delta CHES is a new study to investigate risk factors for heart disease, diabetes and other chronic illnesses in adults who live in the Mississippi Delta. Information from Delta CHES will be used to identify specific patterns of risk behaviors associated with these conditions and will help the Mississippi State Department of Health plan better heart health promotion programs and implement chronic illness control strategies. DCC <b>Biostatistics &amp; Research (B&amp;RD) Division</b> is to provide high-level consultation in developing reports and publications.</p>
Status	<ul style="list-style-type: none"> <li>• <b>Final Report</b> <ul style="list-style-type: none"> <li>• Conducted analyses of the Behavioral Risk Factor Surveillance System data which will be utilized as reference for the Delta CHES.</li> <li>• Created charts and tables including the results from two datasets</li> <li>• Revised the description according to new charts and tables.</li> <li>• PI and DCC are reviewing the final report for resubmission</li> </ul> </li> <li>• <b>Manuscript Development</b> <ul style="list-style-type: none"> <li>• Manuscript development will start after the report is finalized</li> <li>• Had several meetings to generate manuscript ideas.</li> </ul> </li> </ul>









# Collaboration, Professional Development, and Mentoring Active Infrastructure Project

<p><b>Title</b></p>	<p><b><u>National Research Mentoring Network (NRMN) - Research Recruitment and Outreach Core (RROC)</u></b></p> <p><b>Morehouse School of Medicine (MSM) , partner with Boston College (Dr. Elizabeth Ofili, MD, MPH, PI and Director)</b></p>
<p><b>Description</b></p>	<ol style="list-style-type: none"> <li><b>1. Recruit and retain all career stages</b> of diverse scholars, from RCMI institutions, partnering CTSA's, BUILD and non BUILD HBCUs, MSI and IDEa institutions.</li> <li><b>2. Enrich the NRMN mentor database</b> with multidisciplinary team and peer mentors from the RCMI collaborative community, for participation in NRMN training, professional development and mentorship networking cores.</li> <li><b>3. Establish and support the RROC Mentoring Academy as a NRMN PDC regional hub</b> for professional development, using a combination of in person, and online training, to foster social networks of peer and senior mentors, that complement existing mentor resources at scholars' home institutions.</li> </ol> <p><u>Role of DCC Information Security &amp; Technology Integration Division (ISTI)</u>  <b>Member of the Platform Committee</b> to discuss NRMN <b>technology integration</b> &amp; coordinate other technical activities on behalf of utilization by RTRN</p>
<p><b>Status</b></p>	<ul style="list-style-type: none"> <li><b>Aug 22, 2016</b> - DCC ISTI is following the progression of the build and implementation, however NRMN is not ready for the "integration step" for RTRN Profiles</li> <li><b>Sep 07, 2016</b> - DCC ISTI will work with DCC Communications regarding marketing/advertising of the program</li> </ul>



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# Active Infrastructure Project

<b>Title</b>	<b>RTRN i2b2 &amp; Integration with the <a href="#">SCILHS</a> Network</b> <b>- Project personnel, infrastructure and ETL plan (Phase I and II)</b>
<b>Description</b>	<ul style="list-style-type: none"><li>• <b>The RTRN i2b2 -- Readiness Status, Installation and Configuration</b></li><li>• <u>DCC Information Security &amp; Technology Integration Division (ISTI)</u> is to :<ol style="list-style-type: none"><li>1. Coordinate the RTRN-i2b2 implementation at RTRN medical centers</li><li>2. Provide technical assistance in deploying hardware and software for i2b2 database node(s), the i2b2 core server node and the i2b2 web client software.</li><li>3. Create the i2b2 star schema and the SHRINE integrator</li><li>4. Populate the schema and SHRINE with the standard i2b2 ontology</li><li>5. integrate different i2b2 nodes with the SCILHS Network</li><li>6. Build extract, transform, and load (ETL) processes to streamline loading patients' clinical and demographic data.</li><li>7. Participate in RTRN i2b2 weekly meetings (Technical Meetings alternating with Governance Meetings)</li></ol></li></ul>
<b>Status</b>	<ul style="list-style-type: none"><li>• <b>mid Jul 2016</b> - Designed and built Site Readiness Status questionnaire</li><li>• <b>Jul 27, 2016</b> - Questionnaires sent out<ul style="list-style-type: none"><li>• Meharry, Howard and Morehouse completed the survey</li><li>• UPuerto Rico survey pending completion</li><li>• Drew and UHawaii cannot join the SCILHS network at this time</li></ul></li><li>• <b>Aug 15, 2016</b> - Kick-off meeting with SCILHS Harvard team</li><li>• <b>Aug 29, 2016</b> - RTRN-i2b2 Governance meeting</li><li>• <b>Sep 12, 2016</b> - meeting with Meharry to start the SHRINE installation and configuration</li><li>• <b>Sep 14, 2016</b> - meeting with Harvard SCILHS team to plan and coordinate i2b2 integration with the SCILHS network.</li></ul>



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# Active Infrastructure Projects

System/Service	Tasks/Activities
<p><b>DCC servers Infrastructure</b></p>	<ul style="list-style-type: none"> <li>• <b>Jul and Aug 2016</b> - Researched cloud hosting options for DCC servers</li> <li>• <b>Jul and Aug 2016</b> - Organized series of Clinical Trials Support System (CTSS) vendor presentations in search for an appropriate CTSS system for RTRN.</li> <li>• <b>Jul 2016</b> - Inventoried the entire DCC servers' infrastructure and their specifications</li> <li>• <b>Aug 2016</b> - Conducted DCC servers' infrastructure gap analysis and completed the inventory with the missing information</li> <li>• <b>Aug 5, 2016</b> - Submitted an Administrative Supplement for DCC via Morehouse</li> <li>• <b>Aug 2016</b> - Mapped servers and VMware to RTRN applications</li> <li>• <b>Sep 7, 2016</b> - Explored the implementation of cloud backup and disaster recovery strategy with Venture Technologies including the servers for Profiles and eagle-i</li> <li>• <b>Sep 12, 2016</b> - Started the eagle-i servers' upgrade from RAID5 to RAID6</li> </ul>
<p><b>Profiles</b> RTRN Research Networking System</p>	<ul style="list-style-type: none"> <li>• <b>Jul 2016</b> - Profiles members can now upload videos and channel of YouTube videos.</li> <li>• <b>Jul 2016</b> - Developed &amp; posted updated Profiles tutorial documents to RTRN website</li> <li>• <b>Aug 2016</b> - Implemented the non-RCMI users account creation in Profiles</li> <li>• Provided ongoing technical support for adding/updating Profiles and developing detailed/statistical Reports</li> </ul>
<p><b>eagle-i</b> Maintain hardware, networking, hosting, and OS for Harvard School of Medicine and RTRN</p>	<ul style="list-style-type: none"> <li>• Assisted and supported the Harvard build team <ul style="list-style-type: none"> <li>• Continue to attend Weekly meetings</li> <li>• <b>Week of Sep 12</b> –Started servers' upgrade from RAID 5 to RAID 6</li> <li>• <b>Oct 2016</b> Scheduled ESXi VMware upgrade from 4.1.0 to 5.5.0</li> </ul> </li> </ul>



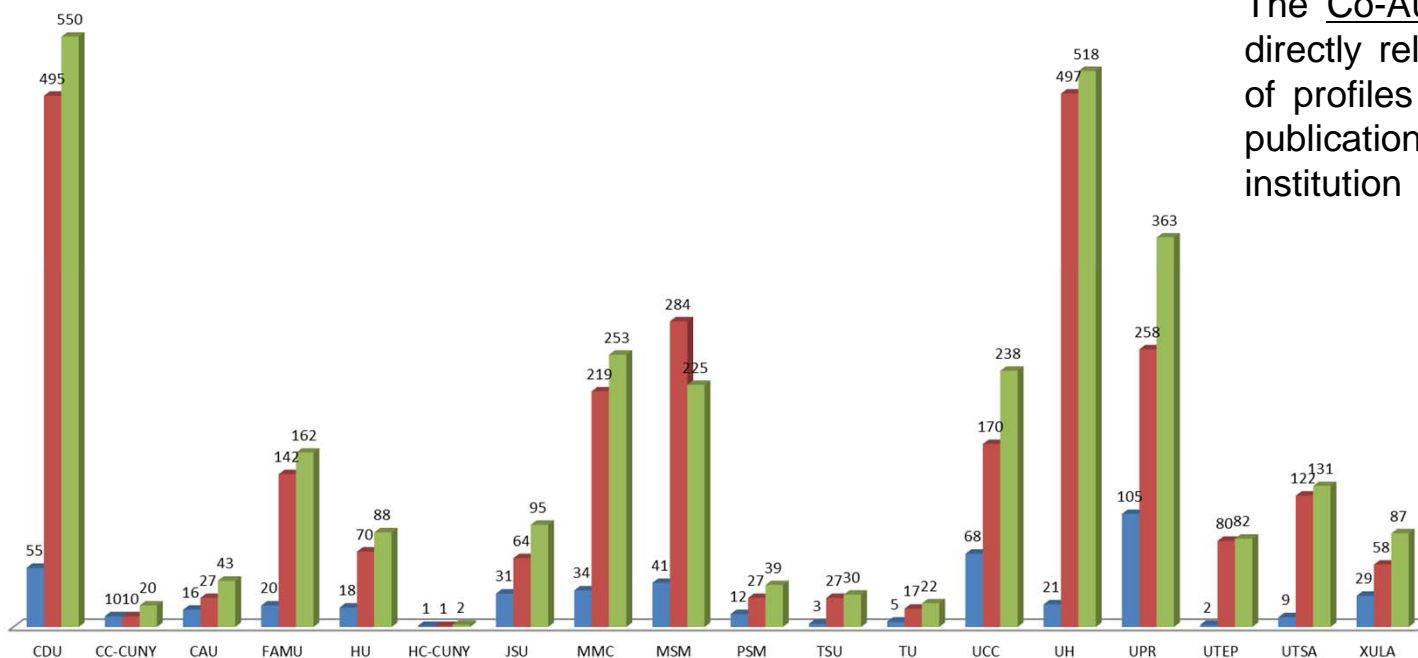


## Research Resources and Research Networking Division (R<sup>3</sup>N) Activities

- A 3<sup>rd</sup> quarter campaign was implemented to increase Profiles users' information to demonstrate outcomes as result of collaborative activities
  - 32% of persons updated their Profile
  - 17% increase in Profiles with publication papers
  - 21% increase in publications per author (*Not reconciled for single publications with multiple Profile users*)
  - 13% increase of Profiles with a narrative

RCMI Site's Co-Authorships Inter- and Intra-Institutional August 2016

■ Inter ■ Intra ■ Total



The Co-Authorships Graph is directly related to the number of profiles in the system with publications listed from each institution



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# Profiles and eagle-i (with Google Analytics Definitions)

## RTRN Profiles and eagle-i Metrics from Google Analytics

2016 Metric	Profiles		eagle-i	
	Q2	Q3	Q2	Q3
Number of Items	1829	1820	20,197	20,197
Sessions	2,879	2,578	380	1245
Users	2,150	2,032	393	972
Pageviews	16,202	10,074	575	1121
Pages/Session	5.63	4.15	1.28	1.29
Avg. Session Duration (Mins)	0:03:29	0:02:46	00:01:07	0:01:38

- **Hit** - is ANY request sent to the GA data collection system. This includes pageviews, events, custom variables, measurement protocol uploads, etc.
- **Pageviews** - A pageview is recorded every time a page is viewed. Or, more technically, a pageview is recorded every time the Google Analytics pageview tracking method is executed. When a visitor hits the back button, a pageview is recorded. When a visitor hits refresh, a pageview is recorded. Every time a page is opened in the browser, regardless of whether it has been cached, a pageview is recorded. (Of course this assumes the tracking code is on the page in question.)
- **Pages/Session** – Average number of pages view per user
- **New Sessions** - A session consists of a series of pageviews that a single visitor makes during a period of activity. A visit ends after the visitor either closes the browser, clears cookies, or is inactive for 30 minutes. (The timeout length is customizable in the tracking code settings)
- **Users** - Users are defined by a unique ID - this ID is usually stored in a visitor's cookies. Whenever the tracking code is executed, it looks for cookies on the browser set by the current domain. If they can't be found, new cookies with a new ID are set. Google Analytics emphasizes visits over visitors because of the inherent inaccuracies of trying to track individual users. For example, a visitor who deletes their cookies, uses multiple browsers or shares their computer will show up inaccurately.
- **Bounce Rate** - A visit with one pageview. It doesn't matter how long the visitor was on the page or how they left. Technically, it's a visit with only one interaction.
- **Average Session Duration** - This is measured by subtracting the time a visitor hit a page from the time they hit the next page. (e.g. If they hit Page 1 at 12:00 and hit Page 2 at 12:03, time on Page 1 is three minutes.) This means that the time on page for the last page in a visit is always zero because Google Analytics doesn't track pages being closed.
- **New Visitor** - A visitor who did not have Google Analytics cookies when they hit the first page in this visit. If a visitor deletes their cookies and comes back to the site, the visitor will be counted as a new visitor.
- **Returning Visitor** - A visitor with existing Google Analytics cookies from a previous visit.



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## Research Resources and Research Networking Division (R<sup>3</sup>N) Biorepository Initiative (DCC-R<sup>3</sup>N, CRSC, BWG)

Input	Process	Outcomes	Date/Time
	Develop Informatics Infrastructure	<p><b>Biorepository Working Group</b></p> <p>(July BWG Meeting - Canceled)</p> <p><b>Jul 27, 2016 - RTRN PI/PD Meeting</b>  <b>Agenda Topic:</b> Biorepository (G12 opportunity): what can we develop as a bridge to future support? Pilot type work , collection, inventory technology, freezers, etc. –Dr. Solomon Garner, Dr. Rob Kirken and Dr. Luisel Ricks-Santi.            --There was a move to merge previously developed materials to address the RTRN Administrative Supplement</p> <p><b>Aug 5, 2016 – DCC R3N submitted an Administrative Supplement</b> proposal on behalf of the BWG to Morehouse</p> <p><b>Aug 23, 2016 - BWG Meeting led by Dr. Luisel Ricks-Santi</b>            – There was a recap of the submitted Administrative supplement and current opportunities related to the Precision Medicine initiatives. Dr. Ricks Santi made contact with the Precision Medicine PIs and was also placed in contact with the NIH Program Officer (PO). According to the PO there will be a re-release of the FOA related to biological specimens</p>	<hr/> <p>3<sup>rd</sup> Q 2016</p>



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# Communication Update

[www.RTRN.net](http://www.RTRN.net) web site is the primary source for information sharing across the RCMI Network (**FEEDBACK FORM on HOME PAGE**)

- ❑ **Website** – 1) addressed issues with web site hacking and 2) installed the required system plug-in and upgrades (August 2016)
  - **Homepage** updates
    - Slider banners: **Introduced new “Slider” plug-in for homepage banners**  
New banners include: RTRN Small Grant Program (SGP) Enhancement Award, RCC Implementation Webinar Series, and National Medical Association 114 Annual Convention and Scientific Assembly/Join Profiles
  - **News & Notices**
    - Full announcement regarding University of Pittsburgh's Institute for Clinical Research Education Leadership and Mentoring programs (Webinar - August 10)
    - Full announcement regarding SGP Enhancement Award (Webinar - August 11)
  - **Media Center**
    - “RCMI” fact sheet posted under “Promoting RTRN” (<http://www.rtrn.net/media/promoting-rtrn/>)
    - Job Opportunities – 4 postings (*received from UTEP, UPR, Meharry, JSU*)
- ❑ **Social Media**
  - weekly postings to **Facebook & LinkedIn** (*including funding opportunities & webinar/event announcements*)
  - REMINDER: if on **Twitter**, use **#RTRN and #RCMICollaboration**



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- ❑ **RTRN at the National Medical Association 114 Annual Convention and Scientific Meeting – (July 2016)**
  - Prepared and shipped RTRN exhibit
  - Created RTRN 5x7 General Information Postcard
  - Created tri-fold Brochure for Profiles
  - Worked with R3N and ISTI divisions to create online form for NMA attendees to join Profiles
  
- ❑ **Network's Media Archiving & Storage Capacity – (August 2016)**
  - Updated archiving/storage policy for RTRN audio/teleconferences only
  - Sr. Management approved policy to store audio/teleconference recordings for 30 days
  - Recordings will be provided to the meeting host and then DCC will delete after 30 days
  
- ❑ **RTRN Highlights and Achievements – (August 2016 - ongoing)**
  - Working with RCC to promote RTRN research success stories
  - Market RTRN's capacity to facilitate and support collaborations
  - Develop digital brochure of Researchers and their study outcomes
  
- ❑ **RTRN Newsletter and Announcements (September 2016)**
  - September/October 2016 – in development; expected dissemination September 30
  - **Please send news & announcements to: [Communications@rtrn.net](mailto:Communications@rtrn.net)**



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