

Dilhari R. DeAlmeida, PhD, RHIA
CURRICULUM VITAE

BIOGRAPHICAL INFORMATION

Name: Dilhari R. DeAlmeida

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EDUCATION and TRAINING

UNDERGRADUATE:

<u>Dates Attended</u>	<u>Name and Location of Institution</u>	<u>Degree Received, Year</u>	<u>Major Discipline</u>
1995-1999	University of Toronto, Toronto, Canada	Bachelor of Science (Hon) 1999	Cell and Molecular Biology; Minor in Psychology

GRADUATE:

<u>Dates Attended</u>	<u>Name and Location of Institution</u>	<u>Degree Received, Year</u>	<u>Major Discipline</u>
2006-2009	University of Pittsburgh, Pittsburgh, PA	Master of Science, 2009	Health Information Systems
2009-2012	University of Pittsburgh, Pittsburgh, PA	Doctor of Philosophy, 2012	Rehabilitation Sciences (Health Information Management)

APPOINTMENTS and POSITIONS

ACADEMIC POSITIONS:

<u>Years Inclusive</u>	<u>Department, Name and Location of Institution</u>	<u>Rank/Title</u>
2012- Present	Department of Health Information Management, School of Health and Rehabilitation Sciences, University of Pittsburgh, Pittsburgh, PA	Assistant Professor

NON-ACADEMIC POSITIONS:

<u>Years Inclusive</u>	<u>Department, Name and Location of Institution</u>	<u>Rank/Title</u>
2008-2012	Center for Vaccine Research, University of Pittsburgh, Pittsburgh, PA	Research Specialist
2005-2008	Department of Molecular Genetics and Bio-Chemistry, University of Pittsburgh, Pittsburgh, PA	Lab Manager
2002-2005	Department of Pediatric Surgery, Children's Hospital of Pittsburgh, Pittsburgh, PA	Research Specialist
1999-2001	Toronto General Hospital and the Hospital for Sick Children, Toronto, Ontario, Canada	Clinical Research Assistant

Certifications

<u>Years Inclusive</u>	<u>Department, Name and Location of Institution</u>
2012- Present	Registered Health Information Administrator (RHIA)
2013- Present	AHIMA Approved ICD-10-CM/PCS Trainer Certificate

MEMBERSHIPS in PROFESSIONAL and SCIENTIFIC SOCIETIES

<u>ORGANIZATION:</u>	<u>Year</u>
American Health Information Management Association (AHIMA)	2008 - Present
Pennsylvania Health Information Management Association (PHIMA)	2008 – Present
Western Pennsylvania Health Information Management Association (WPHIMA)	2013 – Present
Research and Periodicals Workshop (CEE), AHIMA	2013 – 2015
Graduate Resource Alliance Workgroup (CEE), AHIMA	2015- Present
Chair, Graduate Resource Alliance Workgroup (CEE), AHIMA	2016- Present

Professional Service

<u>ORGANIZATION:</u>	<u>Year</u>
Editorial Review Board Member, Perspectives in Health Information Management	2013- Present
Educational Perspectives in Health Informatics and Information Management	2013 - Present

HONORS & AWARDS

Bruce Baker Travel Award for Junior Faculty, SHRS	2013
Bruce Baker Travel Award for Junior Faculty, SHRS	2013
Research and Development Fund Award, SHRS	2011
Pennsylvania Health Information Management Association Scholarship	2011
Graduate and Professional Student Association Travel Award, University of Pittsburgh	2011
Graduate and Professional Book Award for Academic Excellence, University of Pittsburgh	2008

PUBLICATIONS

PEER REVIEWED MANUSCRIPTS

1. Korytkowski M, Lombardero M, Karslioglu E, Brooks M, Kanter J, **DeAlmeida D**, Magaji V, Orchard T, Siminerio L. Use of an electronic medical record to identify prevalent incident cardiovascular disease in Type 2 diabetes according to treatment strategy. *BMJ open Diabestes Res Care*. 2016 May 26;4(1):e000206.
2. Watzlaf JM, **DeAlmeida DR**, Zhou L, Hartman LM. Protocol for a Systematic Review of Telehealth Privacy and Security Research to Identify Best Practices. *International Journal of Telerehabilitation*. (2015). Vol 7, No 2, Fall 2015.
3. Korytkowski M, Brooks M, Lombardero M, **DeAlmeida D**, Kanter J, Magaji V, Orchard T, Siminerio L. Use of an Electronic Medical Record (EMR) to identify glycemic intensification strategies in Type 2 Diabetes. *Journal of Diabetes Science and Technology*. (2015). Vol 9(3) 593-601.
4. Sandefer, Ryan H; **DeAlmeida, Dilhari R**; Dougherty, Michelle; Mancilla, Desla; Marc, David T. "Keeping Current in the Electronic Era: Data Age Transforming HIM's Mandatory Workforce Competencies." *Journal of AHIMA* 85, no.11 (November–December 2014): 38-44.
5. **DeAlmeida D**, Al-Jaghbeer M, Abdelhak M, Kellum JA. A Study to Evaluate the Effectiveness of the currently utilized Acute Kidney Injury (AKI) Alert: A Use Case Example for a Learning Health System. Proceedings of 48th International Conference on System Sciences, 2015-In Press. 1530-1605/15; DOI10.1109/HICSS.2015.377; pg 3125-3130.
6. **DeAlmeida, D.**, Watzlaf V., Anania-Firouzan, P., Salguero, O., Rubinstein, E., Abdelhak, M., Parmanto, B. (Winter 2014). Evaluation of inpatient Clinical Documentation Readiness for ICD-10-CM. *Perspectives in Health Information Management*; 1-16.
7. Kellum, J.A., **DeAlmeida, D.R.**, Watzlaf, V.J. (2012). eResearch: the case of Acute Kidney Injury. *Intensive Care Med*. DOI 10.1007/s00134-012-2768-9.
8. Giles BM, Bissel SJ, Craigo JK, **DeAlmeida DR**, Wiley CA, Tumpey TM, Ross TM. (2012) Elicitation of anti- 1918 influenza immunity early in life prevents morbidity and lower lung infection by 2009 Pandemic H1N1 influenza in aged mice. *J Virol*. Feb;86(3):1500-13.
9. Giles BM, Bissel SJ, **DeAlmeida DR**, Wiley CA, Ross TM. (2012) Antibody breadth and protective efficacy is increased by vaccination with computationally optimized hemagglutinin but not with polyvalent hemagglutinin based H5N1 VLP vaccines. *Clinical Vaccine Immunol*.19(2):128-39.
10. Schneider-Ohrum K, Giles BM, Weirback HK, Williams BL, **DeAlmeida DR**, Ross TM. (2011) Adjuvants that stimulate TLR3 or NLPR3 pathways enhance the efficiency of influenza virus-like particle vaccines in aged mice. *Vaccine*. 29(48):9081-92.
11. Brown BN, Price IM, Toapanta FR, **DeAlmeida DR**, Wiley CA, Ross TM, Oury TD, Vodovotz Y. (2011) An agent-based model of inflammation and fibrosis following particulate exposure in the lung. *Math Biosci*. 231(2):186-96.
12. Toapanta FR, **DeAlmeida DR**, Dunn MD, Ross TM. (2010) C3d adjuvant activity is reduced by altering residues involved in the electronegative binding of C3d to CR2. *Immunol Lett*. 129(1):32-8.
13. Ivan A. Gonzalez, XiXi Wong, **Dilhari DeAlmeida**, Raymond B. Yurko, Simon C. Watkins, Kazi Islam, Ronald C. Montelaro, Ahmed El-Ghannam & Timothy A. Mietzner. (2008) Peptides as potent antimicrobials tethered to [a solid surface: Implications for medical devices](http://hdl.handle.net/10101/npre.2008.1967.1). *Nature Precedings*. <http://hdl.handle.net/10101/npre.2008.1967.1>.
13. Deslouches B, Gonzalez IA, **DeAlmeida D**, Islam K, Steele C, Montelaro RC, Mietzner TA. (2007) De novo- derived cationic antimicrobial peptide activity in a murine model of Pseudomonas aeruginosa bacteraemia. *J Antimicrob Chemother*. 60(3):669-72
14. Walker SR, Ogagan PD, **DeAlmeida D**, Aboka AM, Barksdale EM Jr. (2006) Neuroblastoma impairs chemokine-mediated dendritic cell migration in vitro. *J Pediatr Surg*. 41(1):260-5.

DISSERTATION

1. **DeAlmeida, D. R.** *An Evaluation of the ICD-10-CM System: Documentation Specificity, Reimbursement, and methods for improvement*. [Dissertation]. Pittsburgh, PA: University of Pittsburgh; 2012.

BOOK CHAPTER

1. **DeAlmeida, D.R.**, Paone S. J., Kellum J.A. Experience with Linking data systems and Analyzing large data in Big Data and Health Analytics. Chapter 3. *Taylor and Francis*.
2. Valerie JM Watzlaf and **Dilhari R. DeAlmeida**. Population Health: Hazardous Air Pollutants and County Level Health Measures. Chapter 8. *Data Analytics in Healthcare Research: Tools and Strategies. AHIMA Press*.

REFEREED/PUBLISHED ABSTRACTS

1. **Dilhari DeAlmeida**, Mohammed Al-Jaghbeer, Mervat Abdelhak, John Kellum (Jan 2015). A study to evaluate the effectiveness of the currently utilized Acute Kidney Injury (AKI) Alert: A Use Case Example for a Learning Health System. Oral presentation at HICSS 48 (Hawai'i International Conference on Systems Sciences); January 5-8, 2015.
2. Paone S.J., **DeAlmeida D.R.**, Kellum J.A. (Sept 2014). Information Governance, Best Practices and Lessons Learned. Oral Presentation at the 86th AHIMA National Convention; Sept 27-Oct 2, 2014; San Diego, CA.
3. Paone S.J., **DeAlmeida D.R.**, Kellum J.A. (Sept 2014). A Case Study in Progressing toward Data Standards. Oral Presentation at the 86th AHIMA National Convention; Sept 27-Oct 2, 2014; San Diego, CA.
4. Korytkowski M, Brooks M, Orchard T, **DeAlmeida D**, Lombardero M, Kanter J, Siminerio L. (2014). Therapeutic intensification strategy and incident cardiovascular disease (CVD) in Type 2 Diabetes Mellitus (T2DM). Submitted abstract. American Diabetes Association 74th Scientific Sessions. San Francisco, CA. 2014.
5. Korytkowski M, Lombardero M, Brooks M, Orchard T, Kanter J, **DeAlmeida D**, Siminerio L. (June 2013). Age and Other Factors Predicting Insulin Intensification Strategies in Patients with Type 2 Diabetes (T2DM) Uncontrolled on Oral Diabetes Medication (ODM). *Diabetes*. 2013; 62 (suppl 1): A640-A685. American Diabetes Association 73rd Scientific Sessions, Chicago, IL.
6. Korytkowski M, Brooks M, **DeAlmeida D**, Lombardero M, Kanter J, Orchard T, Siminerio L. (April 2013). Durability of therapeutic intensification strategies in patients with uncontrolled type 2 diabetes. *Diabetologia*. 2013; 56 (suppl 1): S409-S410. 49th European Association for the study of Diabetes Annual Meeting. Barcelona, Spain.
7. **Dilhari R. DeAlmeida**, Kirsten Schneider-Ohrum, Brendan M. Giles and Ted M. Ross. (2011) Adjuvants that stimulate TLR3 or NLPR3 pathways enhance the efficiency of influenza virus-like particle vaccines in aged mice. Poster presentation at the Vaccines & Adjuvants for Emerging Infectious Diseases, Montego Bay, Jamaica.
8. Ted M. Ross, Corey J. Crevar, Donald M. Carter, **Dilhari R. DeAlmeida** and Franklin R. Toapanta (2010) Intranasal vaccination against influenza viruses during chronic lung inflammation. Poster presentation at the Modern Mucosal Vaccines, Adjuvants & Microbicides, Dublin, Ireland.
9. **D DeAlmeida**, J Upperman, S Hilmer, P Boyle, C Wong, N Kelly, R Zamora, H Ford. (Nov 2003) Genomic Analysis of Experimental Rodent Necrotizing Enterocolitis. Poster presentation at the 2nd Annual Functional Genomics and Critical care illness meeting at the NIH, Bethesda MD.
10. Kelly N, **DeAlmeida DR**, Zhang XR, Wong C, Zamora R, Ford HR, Upperman JS. (Nov 2003) Spatial expression of inducible Nitric Oxide Synthase (iNOS) in enterocytes in the intestinal villus in a Rodent Sepsis Model. American Academy of Pediatrics, National Conference and Exhibition, New Orleans LA.
11. Taylor CM, DiMonte L, Wayne J, Weatherall DJ, Premawardena A, Efremov G, Dimovski A, **Weerasinghe DR**, Zisovski N, Olivieri NF. (Dec 2000) Response to Sodium Phenylbutyrate and Hydroxyurea in Thalassemia: Possible effects of marrow expansion on Augmentation of fetal hemoglobin (HbF). Annual meeting of the American Society of Hematology. San Francisco, CA.
12. Taylor CM, Symes KN, Muraca MF, **Weerasinghe DR**, Sharma S, Nili N, Olivieri NF. Impact of Hydroxyurea on Linear Growth in Children with Sick cell disease. (Dec 1999) Annual meeting of the American Society of Hematology. New

Orleans, LA

INVITED LECTURES/ORAL PRESENTATIONS

1. **DeAlmeida D**, Paone S. Transforming HIM education to align with Data Analytics Practice (October 2016). Oral Presentation at the AHIMA Annual meeting. Oct 16-19, 2016; Baltimore, MD.
2. Zhou L, Parmanto B, Saptono A, **DeAlmeida D**. A New Security Assured Healthcare Information Track: One Year experience. (July 2016). Oral presentation at the Assembly on Education (AOE) meeting; July 24-27, 2016; Denver, CO.
3. **DeAlmeida D**, Paone S. Transforming HIM education to align with Data Analytics Practice (May 2016). Oral presentation at the PHIMA Annual meeting; May 22-25, 2016; Lancaster, PA
4. Paone S.J., **DeAlmeida D.R.**, Kellum J.A. (Sept 2014). A Case Study in Progressing toward Data Standards. Oral Presentation at the 86th AHIMA National Convention; Sept 27-Oct 2, 2014; San Diego, CA.
5. Paone S.J., **DeAlmeida D.R.**, Kellum J.A. (Sept 2014). Information Governance, Best Practices and Lessons Learned. Oral Presentation at the 86th AHIMA National Convention; Sept 27-Oct 2, 2014; San Diego, CA.
6. PHIMA Fall Leadership Conference, *"Big Data: Overview"*. Nov, 2013, Pennsylvania College of Technology, Williamsport, PA
7. AHIMA Foundation Research Presentation, *"Accuracy of Coding for Identification of Type 2 Diabetes Mellitus"*. Oct 2013, AHIMA National Convention, Atlanta, GA.
8. Assembly on Education Symposium, *"Evaluating the missing documentation in inpatient records coded in ICD-10-CM"*. July 2012, Orlando, FL.

OTHER RESEARCH RELATED ACTIVITIES

Research Training, Continuing Education Attended

1. Technical Reviewer for *"Health Information Management: Concepts, Principles, and Practice"*. (2015-2016)
2. Faculty Development Institute and Assembly on Education. July 2013. Baltimore, MD.
3. Research Coordinator Workshop. Clinical and Translational Science Institute (CTSI). April 2013. Pittsburgh, PA
4. AHIMA Sponsored Faculty Development Webinars. Online.
5. AHIMA ICD-10-CM/PCS Coder Workforce Training. Feb 2013. Las Vegas, NV

PROFESSIONAL ACTIVITIES

RESEARCH

GRANT FUNDING***Current Grant Support***

<u>Grant Number</u>	<u>Grant Title</u>	<u>Project Role. Effort</u>	<u>Years Inclusive</u>	<u>Source</u>
	Collaboration with Information Systems Division (ISD) –UPMC	Principal Investigator	2012-2014	UPMC
	From Cloud to Smart Phone: Empowering an Accessible Information And Communication Technology	Co-Investigator	2014 - 2019	NIDRR
	Promoting Independence and Self-Management Using mHealth	Co-Investigator	2014 -2019	DRRP/NIDRR
	Acute Kidney Injury (AKI) in the Intensive Care (ICU): Staging and Outcomes	Co-Investigator	2015 -2016	Astute Medical

TEACHING

COURSES-

1. Database Management and Analytics Lab (HIM 1407)
2. Capstone Course in HIM (HIM 1496)
3. Electronic Health Record (HRS 2490)
4. Evaluation of Classification Systems, Reference Terminologies and Data Capture Technologies in Health Care (HRS 2426)
5. Issues in the health system (HRS 2903)
6. Topics in Healthcare (HRS 2902)
7. Health Information Systems Internship (HRS 2439)
8. Independent Study (HRS 2999)
9. Doctoral Independent Study (HRS 3999)

SERVICE

University and School Service Activities Role, Service

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|---|---------------|
| 1. Recruitment Representative for the Department of Health Information Management | 2012- Present |
| 2. HIM Representative, SHRS Social Media Committee | 2012- Present |
| 3. Member, HIM Faculty Search Committee | 2013 |
| 4. Reviewer, SHRS Research and Development Fund Award | 2013- Present |
| 5. Member, SHRS Graduate Faculty | 2015- Present |