

# RESHMA MERIN ANTHONY, PhD, MBA

reshmaanthony04@gmail.com

301-758-5614 (C)

Status: United States Citizen

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## KEY SKILLS

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### Soft Skills

Brand positioning  
Industry/Client Engagement  
Communications and Relationship building  
Customer Service

### Hard Skills

Strategy Planning and Problem Solving  
Operations and Process Improvement  
Contract Negotiations  
Data Analysis  
Scientific Writing and Technology Transfer  
Biomedical Researcher  
Biosafety

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## PROFESSIONAL EXPERIENCE

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01/2016- Present

**Business Development Officer for Clinical Research**, Office of Industry Engagement, Research and Innovation Unit, U of L, Louisville, KY.

Responsible for growth of the clinical research program at UofL by building long term relationships with industry sponsors and Clinical Research Organizations.

Serves as a research liaison between pharmaceutical and device industry and healthcare providers.

Identifies opportunities for new studies by communicating and networking with local Medical Science Liaisons and Regional Field Directors of pharmaceutical and medical device companies.

Works as the customer relations point of contact for both external and internal customers. Works with clinical faculty to help engage in programs that improve patient enrollment in clinical trials.

Facilitates the marketing and communications of UofL clinical research successes through UofL's Office of Communications and Marketing to create awareness of UofL clinical research in the community.

01/2014- Present

**Contract Specialist**, Clinical Contracts Division, Research and Innovation Unit, University of Louisville, Louisville, KY.

Drafts, negotiates, and implements new contracts, including contracts for clinical

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trials, confidentiality disclosure agreements, amendments, renewals, subcontracts, and terminations with federal, non-profit and industry sponsors, acts as the point of contact for both internal and external clients in regards to contractual issues

Reviews proposals and grants for federal funding.

Reviews informed consent forms, sponsor's payment contract terms and assists with budget negotiations.

Works on strategic planning for the Clinical Contracts Division  
Works with the Division Director to develop strategies to improve contract negotiation process.

Analyzes and interprets quarterly qualitative and quantitative data for the division and develops strategic solutions that improve contract negotiation operations management.

Worked on developing a new improved database for the division for tracking division data.

Attends feasibility meetings with principal investigator and study team to assist in determining the feasibility of the study.

02/2013- 12/2013

**Technology Transfer and Licensing Intern**, Office of Technology Transfer, Research and Innovation Unit, U of L.

Wrote marketing synopses for licensing and marketing of U of L technologies. Performed invention reviews, prepared drafts for negotiating licenses for U of L technologies, reviewed license agreements, performed market research and intellectual property landscape assessments of U of L technologies for their commercialization potential.

10/2011- 11/2012

**Biological Safety Specialist**, Department of Environmental Health and Safety, University of Louisville, Louisville, KY. Reviewed research proposals of scientific investigators to ensure compliance of the biological and environmental safety standards set by National Institute of Health, Centers for Disease Control and Prevention (CDC) and Department of Health and Human Services (HHS). Audited research personnel and laboratories to ensure research compliance.

07/2006-11/2010

**Research Associate**

Department of Pediatrics, University of Iowa, Iowa City, IA

Worked on development of gene therapeutics for cystic fibrosis. Investigated several aspects of pulmonary host defenses. Reviewed biomedical grants for federal funding. Presented research at national and international meetings. Directly supervised and trained medical and graduate students, research assistants and interns.

**Co-investigator** for grants funded by NIH and CFF. Designed project plans and wrote several proposals and federal grants. **Grants awarded:** (Grant Number: NIH - 1R21HL91808-01) and from the CFF (Grant Number: MCCRAY07G0).

# **RESHMA MERIN ANTHONY, PhD, MBA**

- 08/2001 – 06/2006 **Graduate Research Assistant**  
Department of Cell Biology and Molecular Genetics, University of Maryland,  
College Park, MD. Investigated areas of HIV replication in patients. Directly supervised and  
trained undergraduate students, research assistants and interns.
- 08/2001 – 05/2004 **Graduate Teaching Assistant**  
Department of Biology, University of Maryland, College Park.  
Taught 'General Biology', 'Cell Biology', and 'Recombinant DNA Technology'  
undergraduate courses.
- 08/2000 – 07/2001 **Lecturer**  
Department of Microbiology and Medical Laboratory Technology,  
Premlila Vithaldas Polytechnic, S.N.D.T. Women's University, Mumbai, India

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## **EDUCATION**

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- 08/2007 – 05/2009 **Master of Business Administration**, Henry B. Tippie School of Management,  
University of Iowa, Iowa City, IA.
- 08/2001 – 05/2006 **Doctor of Philosophy in Molecular and Cellular Biology**, Department of Cell Biology  
and Molecular Genetics, University of Maryland, College Park, MD.
- 07/1998 – 06/2000 **Master of Science (M.Sc.) in Biotechnology**, Department of Biotechnology,  
University of Mumbai (formerly Bombay), Mumbai, India
- 07/1995 – 06/1998 **Bachelor of Science (B.Sc.) in Microbiology**, Bhavans College,  
University of Mumbai, Mumbai, India

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## **PROFESSIONAL SKILLS**

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### **Microbiology, Molecular Biology and Recombinant DNA technology**

Bacterial cloning and transformation, Transfection, Nucleofection, Transduction, Mutagenesis, Reverse transcription assays, Plasmid sequencing, Expression cloning, Micro-RNA cloning, PCR amplification of DNA, Quantitative PCR, Restriction digestion and ligation, Restriction mapping, Gel electrophoresis, Phosphor imaging, Autoradiography, Microarray analysis, Microscopy, Flow Cytometry, Data Analysis.

### **Biochemistry and Tissue Culture**

Protein purification, Gel filtration, Western blotting, Southern blotting, Protein detection assays  
Cell and tissue culture, Virus production

# **RESHMA MERIN ANTHONY, PhD, MBA**

**Computer skills: MS Word, PowerPoint, Excel, Outlook, SPSS**

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## **SELECTED PUBLICATIONS**

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Sinn PL, **Anthony RM**, McCray PB Jr. Genetic therapies for cystic fibrosis lung disease. Hum Mol Genet. 2011 Apr 15;20 (R1): R79-86.

Maeder ML, Thibodeau-Beganny S, Osiak A, Wright DA, **Anthony RM**, Eichtinger M, Jiang T, Foley JE, Winfrey RJ, Townsend JA, Unger-Wallace E, Sander JD, Müller-Lerch F, Fu F, Pearlberg J, Göbel C, Dassie JP, Pruet-Miller SM, Porteus MH, Sgroi DC, Iafrate AJ, Dobbs D, McCray PB Jr, Cathomen T, Voytas DF, Joung JK. Rapid "open-source" engineering of customized zinc-finger nucleases for highly efficient gene modification. Molecular Cell. 2008 Jul 25; 31(2):294-301.

Baird HA, Gao Y, Galetto R, Lalonde M, **Anthony RM**, Giacomoni V, Abreha M, DeStefano JJ, Negroni M, and Arts EJ. Influence of sequence identity and unique breakpoints on the frequency of intersubtype HIV-1 recombination. Presented at the 2006 Annual Retroviruses Meeting, Cold Spring Harbor Laboratories, New York. Retrovirology. 2006 Dec 12; 3(1):91.

**Anthony RM**, and DeStefano JJ. In Vitro Synthesis of Long DNA products in Reactions with HIV-RT and Nucleocapsid Protein. Presented at the 2005 Annual Retroviruses Meeting, Cold Spring Harbor Laboratories, New York. Journal of Molecular Biology. 2007 Jan 12; 365(2):310-24.

**Volunteer work:** Currently on the Staff Council and on Staff Professional Development Committee for the Office of Executive Vice President for Research and Innovation at University of Louisville  
Treasurer of Student's Council of India at University of Maryland (2002-2006)