



## CURRICULUM VITAE

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### EDUCATION:

1992-1996	Tuskegee University, Tuskegee Inst., AL	B.S.	Cum Laude, Biology
1996-2000	University of California, San Francisco	M.S.	
1996-2004	University of California, San Francisco (Advisor: Ira Herskowitz, Carol Gross)	Ph.D.	Biochemistry and molecular biology
2004-2008	University of California, San Francisco (Advisor: James McKerrow)	Postdoctoral Fellow	Molec. Parasitology

### PRINCIPAL POSITIONS HELD:

2004-2005	University of California, San Francisco (Mentor: James H. McKerrow)	Visiting Postdoctoral Scholar
2005-2007	University of California, San Francisco (Mentor: James H. McKerrow)	UNCF/Merck Fellow
2007-2008	Microbial Pathogenesis and Host Defense Training Grant Recipient (Ruth Kirstein) (Mentor: James H. McKerrow)	
2009- present	Assistant Professor of Biology (tenure track) Case Western Reserve University	
2009- present	Adjunct Assistant Professor of Global Health and Diseases, Division of General Medical Sciences, Case Western Reserve University School of Medicine	

### HONORS AND AWARDS:

#### CIVIC AWARDS

1991 Proclamation from Governor Guy Hunt of Alabama  
2008 Certificate of Recognition in Leadership from the California State Senate

1996 USA Today's TOP Forty National Scholars  
1999 UCSF Chancellor's Martin Luther King Award  
1999 UCSF Champions of Diversity Award  
2005 UNCF/Merck Postdoctoral Fellow  
2005 & 2006 Minority Training Research Training Forum Acres of Diamonds Award

#### FELLOWSHIPS AND SCHOLARSHIPS

1997-2000 Ford Foundation Predoctoral Fellowship  
2000-2002 UNCF/Merck Dissertation Graduate Science Research Dissertation Fellowship  
2005-2007 UNCF/Merck Postdoctoral Fellowship

## Honors and Awards (Continued)

2007-2008 M Ruth L. Kirschstein National Research Service Award - NIH

## PEER REVIEWED PUBLICATIONS:

1. E.M. O’Neil, A. Kaffmann, **E.R. Jolly** and E. K. O’Shea, “Regulation of PHO4 Nuclear Localization by the PHO80-PHO85 Cyclin-CDK Complex.” 1996; *Science* 271, 209-212
2. Wei Wang, J. Michael Cherry, Yigal Nochomovitz, **Emmitt Jolly**, David Botstein and Hao Li, "Inference of combinatorial regulation in yeast transcriptional networks: A case study of sporulation", *Proceeding of the National Academy of Sciences of the United States of America*, 2005, 102 (6):1998-2003.
3. **Emmitt R. Jolly**, Chen-Shan Chin, Ira Herskowitz, and Hao Li, “Genome-wide identification of the regulatory targets of a transcription factor using biochemical characterization and computational genomic analysis.” *Bioinformatics*, 2005; 6(1):275 (Highly accessed)
4. **Emmitt R. Jolly**, Chen-Shan Chin, Mahmoud Mohamed Baghat, Steve Miller, KC Lim, Joseph DeRisi, and James H. McKerrow, “Gene expression patterns during adaptation of a helminth parasite to different environmental niches.” *Genome Biology*, 2007, (8)4:R65
5. Chen-Shan Chin, Victor Chubukov, **Emmitt R. Jolly**, Joe DeRisi, Hao Li, "Dynamics and design principle of a basic regulatory architecture in metabolic pathways" *PLoS Biology*, 2008

## ABSTRACTS:

- 2005 Identification of the transcriptome in Schistosoma, Cercariae, and *Adult Schistosoma mansoni*. **Emmitt Jolly**, Joseph DeRisi and James McKerrow, Molecular Parasitology at Marine Biological Laboratory,
- 2006 Steve Miller, **Emmitt Jolly**, and Jim McKerrow. Host Immunomodulation of Schistosoma mansoni Worm Development, American Journal of Clinical Pathology 2006;126:463-464.
- 2007 Victor Chubukov, Chen-Shan Chin, **Emmitt R. Jolly**, Joe DeRisi, Hao Li. Dynamics and design principles of a basic regulatory module controlling metabolic pathways. 8<sup>th</sup> International Conference on Systems Biology
- 2009 Identification of putative heat shock transcription factor in Schistosoma mansoni- Kenji Ishida and Emmitt R. Jolly, Summer Program in Undergraduate Research 2009 Abstract Booklet
- 2009 Cloning and identification of the schistosome gene Smp\_144540, a homolog of the yeast transcription factor CRZ1. Amanda Timson and Emmitt R. Jolly, Summer Program in Undergraduate Research 2009 Abstract Booklet
- 2009 Cloning of a putative schistosome transcription factor, a homolog of the yeast regulator SWI5 of the M/G1 transition. Jenny Ye and Emmitt R. Jolly, Summer Program in Undergraduate Research 2009 Abstract Booklet

## PROFESSIONAL ORGANIZATIONS

1991-1992 Sigma Xi  
1997-1998 National Black Graduate Student Association  
1998-1999 National Association of Medical Minority Educators (NAMME)  
2006- AAAS  
2006- The New York Academy of Sciences  
2007- Association of UNCF/Merck Fellows

## SERVICE TO PROFESSIONAL PUBLICATIONS:

2002 Ad hoc referee for Molecular and Cellular Biology

### **Service to Professional Publications (Continued)**

2006, 7 Ad hoc referee for Molecular and Biochemical Parasitology  
2008 Referee for Parasitology International  
2009 Referee for PLoS Neglected Tropical Diseases (twice)  
2009 Referee for PLoS One

### **INVITED TALKS & PRESENTATIONS**

2005 Chair Minority Affairs Postdoctoral Scholars Session of the Careers Luncheon at the American Society of Cell Biology Meeting (ASCB), San Francisco, CA  
2005 City College of San Francisco (Research Seminar)  
2005 African Americans in Biotech. Genentech, Inc Vacaville, CA  
2005 Joint Filarial/Schistosome Genome Network Meeting, National Institutes of Health, Bethesda, Maryland (Research Seminar)  
2006 Tuskegee University, Tuskegee Institute, Alabama (Research Seminar)  
2006 University of Alabama, Birmingham, Alabama (Research Seminar)  
2006 NSF Alliances for Graduate Education and Professionals (AGEP) Colloquium (Research Seminar)  
2007 UCSF Summer Research Training Program Research Seminar  
2007 Merck and Co, Rahway, NJ (Research Seminar)  
2008 UCSF Summer Research Training Program (Research Seminar)  
2008 Seattle Biomedical Research Institute at the University of Washington (Research Seminar)  
2009 Seminar to SPUR students (CWRU)  
2009 Guest Speaker- REACH Scholars Middle School Students (CWRU School of Engineering)  
2009 Schistosome Molecular Tools Workshop (Completely funded for meeting by special Invitation-presented a poster)  
2009 Guest speaker -CWRU Professional Skills Program- Job Hunt: How to Find an Academic Position (CWRU- School of Medicine)  
2009 Guest Speaker- I'm here, Now what do I do? Making it to Tenure ; Science and Technology Forum (New York University Lagone Medical Center)

### **BIOTECHNOLOGY EXPERIENCE**

2005, 2006 Edited SBIR as consultant to Pharmadyne, Inc  
2005 UCSF Center for Bio-entrepreneurship course- Idea to IPO (Biochemistry 241)  
2006 Genentech Minority Outreach Initiative Scholar  
2006 BIO2006 Conference, Chicago, IL

### **UNIVERSITY AND PUBLIC SERVICE**

#### **UNIVERSITY SERVICE**

1999-2002 UCSF Chancellor's Committee on Diversity  
2009- CWRU Graduate Affairs Committee (Dept of Biology)

#### **PUBLIC SERVICE AND CIVIC ACTIVITIES:**

2004- San Francisco Masonic Lodge #120, F&AM, San Francisco, CA, (Master 2007,8)  
2005 Welcome address at University of California LEADS Research and Leadership Symposium. Crown Plaza Hotel, San Francisco, CA  
2006 Keynote Speaker San Francisco WORKS On-Ramp Biotech Program Graduation. J Gladstone Inst Auditorium, San Francisco, CA  
2006- San Francisco Scottish Rite of Freemasonry, (Northern California Assistant Coordinator of Orient Membership 2007,8, Expert of the Consistory Bodies, 2008)  
2006-present Asiya Shriner A.A.O.N.M.S. San Mateo, CA  
2006 Commencement Speaker Emeryville Secondary School. Emeryville, CA  
2008-09 Grand Pursuivant of the Grand Lodge of California, Free and Accepted Masons

## Public Service and Civic Activities (Continued)

### NONPROFIT ORGANIZATIONS

2003-06	Building Diversity in the Sciences (BDS.org) Board of Director, Secretary
2006-present	Building Diversity in the Sciences (BDS.org) Ph.D. Advisor
2006-09	National Association of Black Scientists, Advisor
2007-present	Association of UNCF/Merck Fellows – a >500 member not for profit think-tank and mentoring organization, (Co-founder and President)

## TEACHING and MENTORING

### FORMAL SCHEDULED CLASSES CWRU

Biol 388S (3 Units)	Undergraduate Research Sages Capstone	Fall 2009-
Biol 390 (1.5 Units)	Advanced Undergraduate Research	Fall 2009-
Biol 601 (3 Units)	Research	Fall 2009
Biol 342/Biol442	Parasitology	Spring 2010
Biol 390 (1.5 Units)	Advanced Undergraduate Research	Spring 2009-
Biol 601 (3 Units)	Research	Spring 2009

### PREDOCTORAL STUDENTS SUPERVISED OR MENTORED

Dates	Name	Program or School	Role	Current Position
2009-present	Jinny Ye	Undergraduate CWRU	Research Advisor	CWRU Undergraduate
2009-present	Kenji Ishida	Undergraduate CWRU	Research Mentor	CWRU Undergraduate
2009-present	Amanda Timson	Undergraduate CWRU	Research Advisor	CWRU Undergraduate
2009-present	Shuang Liang	CWRU PhD Student in Biology	Thesis Advisor	CWRU PhD Student in Biology
2009-present	Melissa Varrechia	CWRU PhD Student in Biology	Thesis Advisor	CWRU PhD Student in Biology
2009-present	Shikha Tandon	CWRU Plan A, M.S. Student in Biol	Thesis Advisor	CWRU MS Student in Biology
2009-present	Anna Lukic	CWRU Plan B, M.S. Student in Biol	Thesis Advisor	CWRU MS Student in Biology
2009-present	Gregory Joseph	Undergraduate CWRU	Senior Capstone Advisor	CWRU Undergraduate
2010-present	Shadhi Malakooti	CWRU Plan B, M.S. Student in Biol	Thesis Advisor	CWRU MS Student in Biology