Judd Christopher Rice, Ph.D.

Assistant Professor

Department of Biochemistry and Molecular Biology
University of Southern California Keck School of Medicine
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Date and Place of Birth

October 8, 1970; Berlin, Germany (US citizen)

Education

8/84 to 5/89	Shadow Mountain High School, Phoenix, Arizona.
8/89 to 5/93	B.S., Molecular and Cellular Biology. University of Arizona, Tucson. Paul St. John, PhD, advisor.
6/93 to 8/95	Laboratory Technician. University of Arizona, Tucson. Andrea J. Yool, PhD.
8/95 to 5/00	Ph.D., Pharmacology and Toxicology. University of Arizona, Tucson. Bernard W. Futscher, PhD, advisor.

Academic Positions

7/00 to 10/03	Postdoctoral Research Associate. Biochemistry and Molecular Genetics. University of Virginia, Charlottesville. Dr. C. David Allis, advisor.
11/03 to	Assistant Professor. Biochemistry and Molecular Biology. USC/Norris Comprehensive Cancer Center, Los Angeles.
11/03 to 7/07	Associate Member, USC/Norris Comprehensive Cancer Center.
7/07 to	Full Member, USC/Norris Comprehensive Cancer Center.
8/07 to	Member, USC Epigenome Center.

Major Research Interests

Epigenetic gene regulation. Chromatin structure and function. Heterochromatin formation and gene silencing. Role of histone modifications in normal development and disease, particularly cancer.

I. Publications (in chronological order)

A. Peer-Reviewed Articles

1. **Rice J.C.,** Massey-Brown K.S. and Futscher B.W.: Aberrant methylation of the *BRCA1* CpG island promoter is associated with decreased BRCA1 mRNA in sporadic breast cancer cells. *Oncogene*, **17**: 1807-1812, 1998. (104 citations)

2. Domann F.E., **Rice J.C.,** Hendrix M.J.C. and Futscher B.W.: Epigenetic silencing of *maspin* gene expression in human breast cancers. *Int. J. Cancer*, **85**: 805-810, 2000. (101 citations)

3. **Rice J.C.** and Futscher B.W.: Transcriptional repression of *BRCA1* by aberrant cytosine methylation, histone hypoacetylation and chromatin condensation of the *BRCA1* promoter. *Nucleic Acids Res.*, **28**: 3233-3239, 2000. (38 citations)

4. **Rice J.C.,** Ozcelik H., Maxeiner P., Andrulis I. and Futscher B.W.: Methylation of the *BRCA1* promoter is associated with decreased BRCA1 mRNA levels in clinical breast cancer specimens. *Carcinogenesis*, **21**: 1761-1765, 2000. (53 citations)

5. Nakayama J., **Rice J.C.**, Strahl B.D., Allis C.D. and Grewal S.I.S.: Role of histone H3 lysine 9 methylation in epigenetic control of heterochromatin assembly. *Science*, **292**: 110-113, 2001. (568 citations)

6. Nishioka K., **Rice J.C.**, Sarma K., Erdjument-Bromage H., Werner J., Wang Y., Chuikov S., Valenzuela P., Tempst P., Steward R., Lis J.T., Allis C.D. and Reinberg D.: PR-Set7 is a novel, nucleosome-specific methyltransferase that modifies lysine 20 of histone H4 and is associated with silent chromatin. *Mol. Cell*, **9**: 1201-1213, 2002. (123 citations)

7. **Rice J.C.**, Nishioka K., Sarma K., Steward R., Reinberg D. and Allis C.D.: Mitotic-specific methylation of histone H4 lysine 20 follows increased PR-Set7 expression and its localization to mitotic chromosomes. *Genes Dev*, **16**: 2225-2230, 2002. (67 citations)

8. **Rice J.C.**, Briggs S.D., Ueberheide B., Barber C.M., Shabanowitz J., Hunt D.F., Shinkai Y., and Allis C.D.: Mammalian histone methyltransferases direct

different degrees of histone H3 lysine 9 methylation to define distinct domains of silent chromatin. *Mol. Cell*, **12**: 1591-1598, 2003. (196 citations)

9. Sims J.K., Houston S.I., Magazinnik T. and **Rice J.C.**: A trans-tail histone code defined by monomethylated H4 Lys20 and H3 Lys9 demarcates distinct regions of silent chromatin. *J. Biol. Chem.*, **281**: 12760-12766, 2006. (20 citations)
10. Wu S., Trievel R.C. and **Rice J.C.**: Human SFMBT is a transcriptional repressor protein that selectively binds the N-terminal tail of histone H3. *FEBS Letts.*, **581**: 3289-3296, 2007. (3 citations)
11. Jensky N.E., Sims J.K., **Rice J.C.**, Dreyer H.C. and Schroeder E.T.: The influence of eccentric exercise on mRNA expression of skeletal muscle regulators. *Euro J. Applied Physiol.*, **101**: 473-480, 2007.
12. Sims J.S. and **Rice J.C.**: PR-Set7 establishes a repressive trans-tail histone code that regulates differentiation. *Mol. Cell. Biol.*, **28**: 4459-4468, 2008.
13. Houston S.I., McManus K., Adams M.M., Sims J.K., Carpenter P.B., Hendzel M.J. and **Rice J.C.**: Catalytic function of the PR-Set7 histone H4 lysine 20 monomethyltransferase is required for mitotic entry and genomic stability. *J. Biol. Chem.*, **283**: 19478-19488, 2008.
14. Kalakonda N., Fischle W., Boccuni P., Gurvich N., Hoya-Arias R., Zhao X., Miyata Y., MacGrogan D., Zhang J., Sims J.K., **Rice J.C.** and Nimer S.D.: Histone H4 lysine 20 monomethylation promotes transcriptional repression by L3MBTL1. *Oncogene*, **27**: 4293-4304, 2008.

B. Articles in Press

1.

C. Non Peer-Reviewed Articles

1. **Rice J.C.** and Allis C.D.: Histone methylation versus histone acetylation: New insights into epigenetic regulation. *Curr. Opin. Cell Biol.*, **13**: 263-273, 2001. (185 citations)
2. **Rice J.C.** and Allis C.D.: Code of silence. *Nature*, **414**: 258-261, 2001. (49 citations)
3. Grewal S.I.S. and **Rice J.C.**: Regulation of heterochromatin by histone methylation and small RNAs. *Curr. Opin. Cell Biol.*, **16**: 230-8, 2004. (70 citations)
4. Spektor T.M. and **Rice J.C.**: Ring around the genes. *Nature Cell Biol.*, **9**:1343-1344, 2007.

D. Book Chapters

1. Sims J.K., Magazinnik-Spektor T., Houston S.I., Wu S. and **Rice J.C.** "Histone Modifications and Epigenetics." Epigenetics. Ed. Jorg Tost. Horizon Scientific Press, 2008.

E. Abstracts

1. **Rice J.C.** and Futscher B.W.: Functional analysis of *BRCA1* promoter activity. Poster presentation at the 88th Annual Meeting of the American Association for Cancer Research, San Diego, California, April 1997.

2. Futscher B.W., Dodge J.E., List A.F., **Rice J.C.** and Watts G.S.: Differing patterns of 5-methylcytosine detected in CpG islands associated with tumor suppressor genes and genes involved in drug resistance. Poster presentation at the American Association for Cancer Research special conference on DNA methylation, Imprinting, and the Epigenetics of Cancer, Puerto Rico, December 1997.

3. **Rice J.C.** and Futscher B.W.: CpG methylation silences *BRCA1* expression in sporadic breast cancer. Poster presentation at the 89th Annual Meeting of the American Association for Cancer Research, New Orleans, Louisiana, March 1998.

4. Domann F.E., **Rice J.C.,** Huang Y., Hendrix M.J.C. and Futscher B.W.: *Maspin* tumor suppressor gene silencing in breast cancer cells is frequently associated with DNA methylation of the *maspin* promoter. Poster presentation at the 90th Annual Meeting of the American Association for Cancer Research, Philadelphia, Pennsylvania, April 1999.

5. **Rice J.C.** and Futscher B.W.: *BRCA1* inactivation in sporadic breast cancer is associated with aberrant cytosine methylation and alterations in chromatin structure of the *BRCA1* CpG island promoter. Poster presentation at the 90th Annual Meeting of the American Association for Cancer Research, Philadelphia, Pennsylvania, April 1999.

6. **Rice J.C.** and Futscher B.W.: Transcriptional inactivation of *BRCA1* by aberrant cytosine methylation, histone hypoacetylation and alterations in chromatin structure of the *BRCA1* 5′ regulatory region. Poster presentation at the Keystone Symposia on Chromatin Structure and Function, Tamarron, Colorado, February 2000.

7. **Rice J.C.**, Ozcelik H., Andrulis I.L., Holtan N. and Futscher B.W.: Methylation of the *BRCA1* promoter is associated with decreased *BRCA1* expression in clinical breast cancer specimens. Poster presentation at the 91st Annual Meeting of the American Association for Cancer Research, San Francisco, California, April 2000.

8. **Rice J.C.** and Futscher B.W.: Transcriptional repression of *BRCA1* by aberrant cytosine methylation, histone deacetylation and alterations in chromatin structure of the *BRCA1* promoter. Poster discussion at the 91st Annual Meeting of the American Association for Cancer Research, San Francisco, California, April 2000.

9. Nishioka K., **Rice J.C.**, Sarma K., Chuikov S., Erdjument-Bromage H., Tempst P., Steward R., Allis C.D. and Reinberg D.: Regulation of chromatin organization by human HMTs; characterization of human H3-H4 and H4-K20-specific HMTs. Poster session at the Keystone Symposia on Chromatin Structure and Function, Santa Fe, New Mexico, January 2002.

10. Kalakonda N., Fischle W., Boccuni P., Zhou X.Y., MacGrogan D., Wang W.K., **Rice J.C.**, Zhang J., Patel D., Allis C.D., Nimer S.D.: Distinct domains in the L3MBTL repressor protein recognize monomethylated K9 on histone H3 and monomethylated K20 on histone H4. Poster presentation at the ABCAM meeting on Chromatin Structure & Function, Cancun, Mexico, November 2004.

11. Sims J.K., Houston S.I., Magazinnik T., Fischle W., Allis C.D., **Rice J.C.**: A novel methyl-specific trans-tail histone code defines distinct regions of silent chromatin. Poster presentation at the Keystone meeting on Regulation of Eukaryotic Transcription: From Chromatin to mRNA, Taos, New Mexico, April 2006.

12. Sims J.K., Houston S.I., Magazinnik T., Fischle W., Allis C.D. and **Rice J.C.**: A novel methyl-specific trans-tail histone code defines distinct regions of silent chromatin. Poster presentation at the 3rd PacRim Breast & Prostate Cancer Meeting, Fraser Island, Australia, October 2006. ****Poster presentation winner****

13. Magazinnik T., Pham C. and **Rice J.C.**: Global analysis of histone H4 lysine 20 and histone H3 lysine 9 methylation patterns in a breast cancer progression cell line model. Poster presentation at the 3rd PacRim Breast & Prostate Cancer Meeting, Fraser Island, Australia, October 2006.

14. Sims J.K., Houston S.I., Magazinnik T., Fischle W, Allis C.D. and **Rice J.C.**: Expression of cell fate-specific genes are regulated by a novel monomethyl histone H4K20 and H3K9 trans-tail histone code. Poster presentation at the Keystone Symposium on Epigenetics: Regulation of Chromatin Structure in Development and Disease, Breckenridge, Colorado, April 2007.

15. Sims J.K. and **Rice J.C.**: A novel methyl-specific trans-tail histone code controls master regulators of differentiation. Poster presentation at the Keystone

Symposium on the Molecular Basis for Chromatin Modifications and Epigenetic Phenomena, Snowmass, Colorado, April 2008.

16. Spektor T.M. and **Rice J.C.**: Mammalian Tethered Catalysis (MTeC): A novel method to identify modification-specific binding proteins in vivo. Poster discussion at the ASBMB Annual Meeting, San Diego, California, April 2008.
17. Wu S. and **Rice J.C.**: Human SFMBT binds the N-terminal tail of histone H3 to induce transcriptional repression of specific target genes. Poster presentation at the ASBMB Annual Meeting, San Diego, California, April 2008.
18. Sims J.K. and **Rice J.C.**: A novel methyl-specific trans-tail histone code controls master regulators of differentiation. Poster presentation at the ASBMB Annual Meeting, San Diego, California, April 2008.

II. Invited Lectures and Seminars

1. 91st Annual Meeting of the American Association for Cancer Research (AACR), San Francisco, California, April 2000.
2. 58th Annual Meeting of the American Academy of Allergy, Asthma and Immunology (AAAAI), New York, New York, March 2002.
3. Department of Genetics and Genomics, Boston University, Massachusetts, September 2002.
4. Cancer Biology Program, Arizona Cancer Center, Tucson, October 2002.
5. Center for Developmental Pharmacology and Toxicology, Children's Research Institute, Columbus, Ohio, December 2002.
6. Molecular Oncology Program, H. Lee Moffitt Cancer Center and Research Institute, Tampa, Florida, January 2003.
7. Department of Pathology, University of Florida Health Sciences Center, Jacksonville, January 2003.
8. Molecular Genetics Department, Ohio State University, Columbus, February 2003.
9. Department of Biology, University of Kentucky, Lexington, February 2003.
10. Department of Biochemistry, Molecular Biology and Biophysics, University of Minnesota, Minneapolis, March 2003.

11. Division of Genetics and Translational Medicine, University of Alabama Birmingham, March 2003.
12. Center for Genetics and Development, University of California, Davis, March 2003.
13. Department of Regulatory Biology, The Salk Institute, La Jolla, California, April 2003.
14. 4th annual Rett Syndrome Symposium, Baltimore, Maryland, June 2003.
15. Department of Biochemistry and Molecular Biology, University of Southern California, Norris Comprehensive Cancer Center, Los Angeles, July 2003.
16. Session Chair and Speaker on "Methyl-binding proteins and transcriptional silencing" at the FASEB Summer Research Conference on Biological Methylation, Vermont Academy, Saxtons River, Vermont, 2004.
17. The Leukemia & Lymphoma Society Stohlman Scholar Symposium, Denver, Colorado, November 2004.
18. Session Chair on "Histone modifications and genomic instability" at the Gordon Conference on Cancer Genetics and Epigenetics, Ventura, California, January 2005.
19. Department of Biological Chemistry, University of Michigan, Ann Arbor, April 2005.
20. Epigenetics Symposium, City of Hope Medical Center, Duarte, California, May 2005.
21. Los Angeles Chromatin Club, University of California Los Angeles, January 2006. Sponsored by ABCAM.
22. Keystone Symposia on the Regulation of Eukaryotic Transcription: From Chromatin to mRNA, Taos, New Mexico, April 2006.
23. DNA Methylation and Epigenetics Symposium, City of Hope Medical Center, Duarte, California, May 2006.
24. The 20th IUBMB International Congress of Biochemistry and Molecular Biology and 11th FAOBMB Congress, Kyoto, Japan, June 2006.
25. The 3rd PacRim Breast & Prostate Cancer Meeting, Fraser Island, Australia, October 2006.

26. Department of Oncology, Division of Experimental Oncology, Cross Cancer Institute, University of Alberta, Edmonton, December 2006.
27. Cancer Biology Program, Arizona Cancer Center, Tucson, April 2007.
28. Department of Biology, California State University Long Beach, Fall 2007.
29. Department of Biochemistry and Molecular Genetics, University of Virginia, October 2007.
30. Department of Biochemistry & Molecular Biology, University of Texas Medical School at Houston, February 2008.
31. The 4th International PacRim Breast & Prostate Cancer Meeting, Whistler, British Columbia, Canada, August 2008.
32. The Current Biology Seminar Series, Fred Hutchinson Cancer Research Center, Seattle, Washington, January 2009.
33. American Society for Investigative Pathology, New Orleans, Louisiana, April 2009.

III. Research Funding

A. Current Funding

Pew Scholar in the Biomedical Sciences
Type: Non-profit
Role: Principal Investigator
Period: 7/1/06 to 6/30/10
Total Direct Costs: $220,800

National Institutes of Health, National Institute of General Medical Science
Type: R01 (GM075094-01A2)
Role: Principal Investigator
Period: 8/1/07 to 7/31/12
Total Direct Costs: $950,000

B. Previous Funding

General Motors Cancer Research Scholar
Type: Non-profit
Role: Principal Investigator
Period: 7/1/2004 to 6/30/2006

Total Direct Costs: $200,000

The Robert E. & May R. Wright Foundation
Type: Non-profit
Role: Principal Investigator
Period: 8/1/04 to 7/31/05
Total Direct Costs: $50,000

Department of Defense
Type: Idea Award, PC040160
Role: Co-Principal Investigator; Gerhard Coetzee, Principal Investigator
Period: 10/1/04 to 9/30/07
Total Direct Costs: $610,313

The American Cancer Society
Type: IRG-58-007-45
Role: Principal Investigator
Period: 1/1/05 to 12/31/05
Total Direct Costs: $20,000

Stop Cancer! Research Career Development Award
Type: Non-profit
Role: Principal Investigator
Period: 1/1/2005 to 12/31/2007
Total Direct Costs: $150,000

The Donald E. & Delia B. Baxter Foundation
Type: Non-profit
Role: Principal Investigator
Period: 7/1/05 to 6/30/06
Total Direct Costs: $100,000

California Breast Cancer Research Program
Type: Non-profit
Role: Principal Investigator
Period: 8/1/05 to 7/31/06
Total Direct Costs: $100,000

James H. Zumberge Faculty Research and Innovation Fund Award
Type: Non-profit
Role: Principal Investigator
Period: 7/1/06 to 6/30/07
Total Direct Costs: $25,000

C. Pending Funding

The Howard Hughes Medical Institute Early Career Scientist Competition
Type: Non-profit
Role: Principal Investigator
Period: 7/1/09 to 6/30/15
Total Direct Costs: $1,500,000+

The American Cancer Society
Type: Non-profit
Role: Principal Investigator
Period: 1/1/09 to 12/31/12
Total Direct Costs: $720,000

D. Fellowships for Laboratory Personnel

USC/Norris Breast Cancer Research Training Program Fellowship
Awarded to Sabrina Houston from 10/1/05 to 9/30/06

GMCB NIH Training Program Fellowship
Awarded to Jennifer Sims from 7/1/06 to 6/30/08

Wang Predoctoral Scholarship Award
Awarded to Shumin Wu from 7/1/08 to 6/30/09

National Institutes of Health, National Research Service Award (NRSA)
Awarded to Michael Hitchler from 1/26/09 to 1/25/12

California Institute for Regenerative Medicine (CIRM) Scholar Fellowship
Awarded to Tanya Spektor from 7/1/08 to 6/30/10

IV. Honors, Awards and Fellowships

1990 – 1993 Undergraduate Biology Research Program, University of Arizona
1996 – 1999 Graduate College Fellowship, University of Arizona
2001 – 2003 National Research Service Award (NRSA), National Institutes of Health
2004 – 2006 General Motors Cancer Research Scholar
2005 – 2007 STOP CANCER Research Career Development Award
2006 – 2010 Pew Scholar in the Biomedical Sciences

V. Additional Professional Activities

A. Grant Reviewing

National Science Foundation (NSF), *Ad hoc*, 2004, 2005, 2007 (3 grants)
National Institutes of Health (NIH), *Ad hoc*, Molecular Genetics A, 2008

B. Journal Reviewing

Nature, Nature Structural & Molecular Biology, Nature Methods, Molecular Cell, Genes & Development, Molecular and Cellular Biology, EMBO Journal, EMBO Reports, Nucleic Acids Research, Cancer Research, Chromosoma, American Journal of Physiology – GI and Liver Physiology

C. Professional Society Membership

American Association for the Advancement of Science (AAAS), 1995 to present
American Association for Cancer Research (AACR), 1996 to present
American Society for Biochemistry and Molecular Biology, 2006 to present
American Society for Microbiology, 2008 to present

VI. University, College and Departmental Activities

A. Committees

USC HSC Monday Basic Science Seminar Series Committee, Member, 2004 to present.
USC HSC Monday Basic Science Seminar Series Committee, Chairman, 2005 to present.
USC HSC Radiation Safety Committee, 2004 to present.
Biochemistry and Molecular Biology Ph.D. Admissions Committee, Member, 2004 to present.
Biochemistry and Molecular Biology Promotions and Appointments Committee, Research-Track Faculty, Member, 2005 to present.
Norris Cancer Center Scholarship Awards Committee, Member, 2005 to present.
The Robert E. and May R. Wright Foundation, Scientific Grant Reviewer, May 2005.
LCME Accreditation Site Visit, Participant, October 2005.
GMCB Graduate Qualifying Exam Committee, Member, 2006.
The Donald E. and Delia B. Baxter Foundation, Scientific Review Committee, Member, March 2006 and 2007.
Occupancy Committee for the Harlyne J. Norris Cancer Research Tower, Member, 2006 to 2008.

The James H. Zumberge Faculty Research Award, Scientific Review Committee, Member, March 2007.
Biochemistry and Molecular Biology Faculty Merit Review Committee, October 2007.

B. Seminar Speakers Hosted

Bernard Futscher, Associate Professor, Arizona Cancer Center, March 2, 2004.
Patrick Grant, Assistant Professor, University of Virginia, April 12, 2004.
Steven Henikoff, Professor and Howard Hughes Investigator, Fred Hutchinson Cancer Research Center, November 1, 2004.
Susan Forsburg, Professor, University of Southern California, November 2, 2004.
David M. Gilbert, Professor, SUNY Upstate Medical University, November 4, 2004.
Min-Hao Kuo, Assistant Professor, Michigan State University, December 13, 2004.
Michael Grunstein, Professor, UCLA, November 7, 2005.
Phillip Carpenter, Associate Professor, University of Texas-Houston Medical School, November 20, 2006.
Michael Hendzel, Professor, University of Alberta, February 5, 2007.
Michael Dyer, Assistant Professor, St. Jude Children's Research Hospital, December 1, 2008.
Coleen Murphy, Assistant Professor, Princeton, February 2009.

VII. Teaching

A. Graduate Courses Instructed

Molecular Genetics 561: 2 two hour lectures on Epigenetics and Gene Silencing plus paper advisor for 3-6 students, 2005 to present.
Protein Chemistry 549: 1 two hour lecture on Chromatin-Modifying Enzymes, 2005 to present.
Ethics and Scientific Accountability 500: Group leader for 5 one hour meetings, 2005 and 2006.
Human Molecular Genetics 543: 1 two hour lecture on Cancer Genetics, 2005 to present.
Molecular Biology of Cancer 504: 1 two hour lecture, 2006 and 2008.

B. Medical Courses Instructed

Neurobiology Labs for medical students: Instructor for 3 two hour meetings, 2005.
Pharmacokinetics for medical students: 1 one hour lecture, 2005 to present.
Pharmacology Lab for medical students: 1 two hour meeting, 2006.

C. Graduate Rotation Students

Omar Khalid, PiBBs – Spring 2004
Tanya Magazinnik, PiBBs – Spring 2004
Laith Al-Mawsawi, PiBBs – Spring 2004
Jennifer Sims, PiBBs – Spring 2004
Sabrina Houston, Pathology – Summer 2004
Irina Ianculescu, PiBBs – Spring 2005
Rosanne Yetemian, PiBBs – Spring 2006
Ankita Das, PiBBs – Fall 2006
Shikhar Sharma, PiBBs – Fall 2006
Kevin Waters, M.D./Ph.D. program – Fall 2006
Suhaida Selamat, PiBBs – Spring 2007
Rahul Nahar, PiBBs – Spring 2007
Lauren Congdon, PiBBs – Spring 2008
Chendhore Veerappan, PiBBs – Spring 2008

D. Major Graduate Advising

Student Name	Dates Mentored	Degree Earned/Sought	Current Position
Houston, Sabrina	8/04 to 8/07	Ph.D.	Law School, Cornell
Sims, Jennifer	5/04 to 8/08	Ph.D.	Postdoc, NIEHS
Spektor, Tanya	5/04 to present	Ph.D.	
Wu, Shumin	8/05 to present	Ph.D.	
Congdon, Lauren	5/08 to present	Ph.D.	
Veerappan, Chendhore	5/08 to present	Ph.D.	

E. Minor Graduate Advising

Student Name	Field	Advisor	Dates Supervised	Degree Earned/Sought
Anglim, Paul	Biochem	Offringa	2004 to 2008	Ph.D.
Hinoue, Toshinori	Biochem	Laird	2004 to present	Ph.D.
Escobar, Sonia	Biochem	Jones	2004 to 2006	M.S.
Pregizer, Steven	Biochem	Frenkel	2004 to 2008	Ph.D.
Viggiani, Chris	Mol Biol	Aparicio	2004 to 2007	Ph.D.
Hughes, Michael	Path	Chuong	2004 to present	Ph.D.
Cortez, Connie	Biochem	Jones	2004 to 2008	Ph.D.
Heo, Kyu	Biochem	An	2004 to 2007	Ph.D.
Szyjka, Shawn	Mol Biol	Aparicio	2004 to 2008	Ph.D.

Baumeister, Peter	Biochem	Lee	2004 to 2008	Ph.D.
Jensky, Nicole	Kinesiology	Sattler	2005 to 2008	Ph.D.
Nugent, Rebecca	Mol Biol	Forsburg	2005 to present	Ph.D.
Schafer, Chris	Biochem	Maxson	2005 to present	Ph.D.
Feng, Ya-Wen	Biochem	An	2005 to 2006	M.S.
Ianculescu, Irina	Biochem	Stallcup	2005 to present	Ph.D.
Wolffe, Erika	Biochem	Jones	2005 to 2008	Ph.D.
Kim, Kyung	Biochem	An	2006 to present	Ph.D.
Kim, Hyunjung	Biochem	An	2006 to present	Ph.D.
Candelario, Jose	Micro	Comai	2006 to present	Ph.D.
Keegan, Nancy	Biochem	Tokes	2006 to 2007	not granted
Li, Pao-Chen	Mol Biol	Forsburg	2007 to present	Ph.D.
Conwright, Christina	Kinesiology	Schroeder	2007 to present	Ph.D.
Ecger, David	Kinesiology	Schroeder	2008 to present	Ph.D.
Galler, Janice	Biochem	Offringa	2008	Ph.D.

F. Undergraduate Research Mentoring

VIII. Research Personnel

A. Graduate Students

Tanya Magazinnik-Spektor, B.A. 2002, Rutgers, The State University of New Jersey
PiBBs Program (Biochemistry and Molecular Biology); entered 2003
Expected graduation date: 8/09

Jennifer K. Sims, B.S. 2001, University of North Carolina – Chapel Hill
PiBBs Program (Biochemistry and Molecular Biology); entered 2003
Graduated 8/08
Currently a post-doctoral fellow for Dr. Paul Wade at the NIEHS, North Carolina

Sabrina I. Houston, B.S. 2002, University of California – Santa Cruz
Biochemistry and Molecular Biology; entered 2002
Graduated 8/07
Currently attending Cornell Law School

Shumin Wu, M.S. 2003, Fudan University, China
Biochemistry and Molecular Biology, entered 2005
Expected graduation date: 8/10

Lauren Congdon, B.S. 2007, University of Arizona
PiBBs Program (Biochemistry and Molecular Biology); entered 2007
Expected graduation date: 8/12

Chendhore "Sai" Veerappan, B.S. 2004, M.S. 2007, University of Nebraska
PiBBs Program (Biochemistry and Molecular Biology); entered 2007
Expected graduation date: 8/12

B. Postdoctoral Fellows and Research Associates

Julian Desmond, B.S., M.S., Ph.D. 2002, University of Birmingham, UK
Postdoctoral training with H. Phillip Koeffler, M.D., Cedars-Sinai, 2002-2005
8/05 to 9/06
Current occupation is unknown

Michael Hitchler, B.S./M.S. 2003, Iowa State University, Ph.D. 2008, University of Iowa
6/08 to present

C. Undergraduates

David Xiong, Biology Major, USC
Undergraduate Laboratory Assistant, part-time
4/06 to present

D. Technical Support Employees

Charlotte Pham, M.S. 2002, University of Kansas
Research Laboratory Technician III/Supervisor
1/04 to 2/06
Currently working for biotechnology companies

Caroline Ingles, B.S. 2007, California State University Long Beach
Research Laboratory Technician II (contractor)
7/07 to 10/07

Stephen Beil, B.A. 2001, University of Southern California
Research Laboratory Technician II
8/07 to 6/08
Currently completing M.S. through USC

E. Volunteers

Shumin Wu, M.S. 2003, Fudan University, China, 7/04 to 7/05