

CURRICULUM VITAE

Jason Yamaki, Pharm.D., Ph.D.

Personal Information

Business Address Chapman University
School of Pharmacy
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Academic Work Experience:

5/2014 – Present Research Assistant Professor and Assistant Director of Assessment
Chapman University, School of Pharmacy

1/2014 – 4/2014 Assistant Professor of Clinical Sciences
American University of Health Sciences,
School of Pharmacy

Education:

2009 – 2013 **Doctor of Philosophy, Clinical and Experimental Therapeutics**
Department of Clinical Pharmacy and Pharmaceutical Economics and
Policy
University of Southern California, Los Angeles, California

2005 – 2009 **Doctor of Pharmacy**
Department of Clinical Pharmacy and Pharmaceutical Economics and
Policy
University of Southern California, Los Angeles, California

2002 – 2005 **Bachelors of Science, Microbiology**
Department of Biology
California State University Dominguez Hills, Carson, CA

1998 – 2000 Santa Monica College, Santa Monica, CA

Licensure:

2009 - Present California State Board of Pharmacy, RPH 63347

Pharmacy Work Experience:

2005 - 2008 Intern Pharmacist, Rite-Aid Pharmacy
2000 - 2005 Pharmacy Clerk, Rite-Aid Pharmacy

Research Work Experience:

- 2007 - 2009 Research Assistant, Anti-Infective Pharmacology Lab
University of Southern California, School of Pharmacy
(PI; Annie Wong-Beringer)
- 2009 - 2013 Post-doctoral Ph.D. Candidate Clinical and Experimental Therapeutics
University of Southern California, School of Pharmacy
Department of Clinical Pharmacy and Pharmaceutical Economics and
Policy

Research Skills:

ELISA, gel electrophoresis, reverse transcription-PCR, PCR, cell culture, mouse handling and experimentation, western blotting, basic microbiology techniques, bacterial cloning, neutrophil isolation, database management and statistical analysis

Research Interests

- 1) Bacterial toxins/virulence factors and their mechanisms of actions
- 2) Patient outcomes and molecular epidemiology research
- 3) Bacterial Pathogenesis

Didactic Teaching Activity:

- 2014 – Present Clinical Trials
Masters of Science, Pharmaceutical Sciences
Chapman University, School of Pharmacy
- 2014 – 2014 Pathophysiology
Masters of Science Program in Clinical Research
American University of Health Sciences
- 2009 – 2013 Teaching Assistant – Doctor of Pharmacy Curriculum
Pharmacy experience module: supervised and instructed in the
vaccination laboratories, conducted calculation breakout sessions, and
supervised compounding laboratories
Public Health course: Supervisor and preceptor at health fairs
- 2009 - Present Lecturer - Infectious Disease, Therapeutics Module VII
University of Southern California, School of Pharmacy
Didactic Topics: MRSA Infections; *Clostridium difficile* infections
- 2012 - 2013 Lecturer – Pharmacokinetics, Therapeutics Module II
Didactic Topic: Pharmacokinetics, pharmacodynamics, and clinical
calculations of vancomycin

Previous/Current Laboratory Trainees:

2014	Priyanka Rughwani (M.S. student)
2013	Joyce Bensman (Ph.D. student) Nadine Musallam (Pharm.D. candidate) Joyce Ho (Pharm.D. candidate) Muanil Desai (M.D.)
2012	Edward Brauer (Pharm.D. candidate)
2011	Katherine Bang (Pharm.D. candidate)
2009	Albert Nguyen (M.D. candidate)

Honors, Certifications, Awards:

2013	USC Clinical and Translation Science Institute pilot study award (Co-Investigator)
2012	USC School of Pharmacy Best Research Assistant Award
2012	USC School of Pharmacy Best Teaching Assistant Award
2010	American Society for Microbiology (ASM), Infectious Disease Fellow Travel Grant
2008	USC Graduate Summer Research Fellowship
2008	American Society for Microbiology (ASM), Student Travel Grant
2005 - Present	Certified Immunization Provider
2003 - 2005	Deans List, California State University Dominguez Hills

Professional Associations:

2014 – Present	Society of Infectious Disease Pharmacists
2014 – Present	American Association of Colleges of Pharmacy
2010 – 2012	Member-in-Training, Infectious Disease Society of America
2010 – Present	Member, American College of Clinical Pharmacy
2009 – Present	Member, California Pharmacists Association
2002 – Present	Member, American Society for Microbiology

Chapman University Service

2014 – Present	Chapman University Assessment Committee
2014 – Present	Chapman University Institutional Biosafety Committee

Chapman School of Pharmacy Service

2014 – Present	Academic Affairs Committee
2014 – Present	Graduate and Research Program Committee

Publications (Peer-reviewed)

- 1) **Jason Yamaki**, Michelle Lee, Kimberly A. Shriner, Annie Wong-Beringer: Can clinical and molecular epidemiologic parameters guide empiric treatment with vancomycin for methicillin-resistant *Staphylococcus aureus* infections? *Diagn Microbiol Infect Dis*. 2011 May;70(1):124-30
- 2) **Jason Yamaki**, Timothy Synold, Annie Wong-Beringer: Anti-virulence Potential of TR-700 and Clindamycin on Clinical Isolates of *Staphylococcus aureus* producing Phenol-Soluble Modulins. *Antimicrobial Agents and Chemotherapy*, 2011 Sept;55(9):4432-5
- 3) **Jason Yamaki**, Timothy Synold, Annie Wong-Beringer: Tigecycline induction of phenol soluble modulins by invasive MRSA strains. *Antimicrobial Agents and Chemotherapy*, 2013 Sept;57(9):4562-4565
- 4) **Jason Yamaki**, Emi Minejima, Paul Nieberg, Annie Wong-Beringer: Molecular epidemiology and clinical outcomes associated with *in-vitro* lung epithelial cell cytotoxicity and production of protein A and α -hemolysin among MRSA isolates causing community-onset pneumonia. (*Manuscript in preparation*)
- 5) Julianne Joo, **Jason Yamaki**, Mimi Lou, Shenche Hsieh, Tony Chu, Kimberly Shriner, Annie Wong-Beringer: Early response assessment to guide management of Methicillin-Resistant *Staphylococcus aureus* bloodstream infections with vancomycin therapy. *Clinical Therapeutics*, 2013 July; Vol. 35 (7), 995-1004
- 6) Kenneth P. Tai, Karishma Kamdar, **Jason Yamaki**, Valerie V. Le, Dat Tran, Patti Tran, Michael E. Selsted, André J. Ouellette, Annie Wong-Beringer; "Microbicidal effects of α -defensins against Vancomycin Resistant MRSA and Ciprofloxacin Resistant *Pseudomonas aeruginosa*" (*Innate Immunity*, 2013 Dec, Epub)
- 7) Joyce Bensman, Martin Tuan Tran, Rosemary She, Emi Minejima, **Jason Yamaki**, Joyce Ho, Paul Nieberg, Jennifer Cupo, Annie Wong-Beringer. Early cytokine balance predicts persistent *Staphylococcus aureus* bacteremia and mortality. (*Manuscript submitted, Journal of Antimicrobial Chemotherapy 2014*)
- 8) Mok T. Chong, **Jason Yamaki**, Megan Harwood, Richard d'Assalenaux, Ettie Rosenberg, Okezie Aruoma, Anupam Bishayee; "Assessing health conditions and medication use among the homeless community in Long Beach, California." (*Journal of Research in Pharmacy Practice* 2014;3:56-61)
- 9) **Jason Yamaki**, Anupam Bishayee; "Health-promoting and disease-preventive potential of *Trianthema portulacastrum* Linn. (Gadabani) – an Indian medicinal and dietary plant" (*Manuscript in preparation*)

Abstracts

1. **Jason Yamaki**, Michelle Lee, Kimberly Shriner, Annie Wong-Beringer; "PVL (+) MRSA Causing Infections in Hospitalized Patients" 18th Annual European Congress of Clinical Microbiology and Infectious Disease (ECCMID) 2008, Barcelona, Spain. (Poster)
2. **Jason Yamaki**, Annie Wong-Beringer; "Vancomycin Susceptibility of Infected MRSA Strains Based on Clinical, Epidemiological and Microbiologic Variables" 48th Annual Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington D.C, USA. (Poster)
3. Julianne Joo, Orquidea Rogers, **Jason Yamaki**, Mimi Lou, Kimberly Shriner, Annie Wong-Beringer; "Factors Predictive of Treatment Failure of MRSA Bloodstream Infections" 49th Annual Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) Sep. 2009, San Francisco, USA. (Platform)
4. Julianne Joo, Orquidea Rogers, **Jason Yamaki**, Kimberly Shriner, Annie Wong-Beringer. "Contribution and associated outcomes of Community MRSA strains in bloodstream infections" 49th Annual Interscience Conference on Antimicrobial Agents of Chemotherapy, San Francisco, Sep. 2009 (Poster)
5. **Jason Yamaki**, Annie Wong-Beringer; "Effects of Sub-inhibitory concentrations of TR-700 on Phenol-Soluble Modulin Production in MRSA" 50th Annual Interscience Conference on Antimicrobial Agents of Chemotherapy, Boston, Sept 2010 (Poster)
6. **Jason Yamaki**, Julianne Joo, Orquidea Rogers, Kimberly Shriner, Annie Wong-Beringer. "Community Associated MRSA Strains in Bloodstream Infections and Associated Outcomes" Annual Infectious Diseases Pharmacotherapy Fellowship Forum, Aspen, May 2010 (Platform)
7. Emi Minejima, **Jason Yamaki**, Paul Nieberg, Annie Wong-Beringer; "Molecular Epidemiology of Community-Onset Pneumonia caused by MRSA and Associated Clinical Features" 51st Annual Interscience Conference on Antimicrobial Agents of Chemotherapy, Chicago, Sept 2011 (Poster)
8. **Jason Yamaki**, Timothy Synold, and Annie Wong-Beringer A. Effects of antibiotic exposure on methicillin-resistant *Staphylococcus aureus* virulence expression. American Society of Microbiology 112th General Meeting, San Francisco, June 2012. (Poster)
9. **Jason Yamaki**, Emi Minejima, Joyce Ho, Edward Brauer, Paul Nieberg, Annie Wong-Beringer. Disease severity associated with *in-vitro* production of alpha-hemolysin and Protein A in MRSA isolates causing community-onset pneumonia. 53rd Annual Interscience Conference on Antimicrobial Agents of Chemotherapy, Denver, Sept 2013 (Poster)
10. Emi Minejima, **Jason Yamaki**, Paul Nieberg, Annie Wong-Beringer. Epidemiology and outcomes of MRSA with high vancomycin MIC causing community-onset pneumonia. 53rd Annual Interscience Conference on Antimicrobial Agents of Chemotherapy, Denver, Sept 2013 (Poster)
11. Joyce Bensman, Martin Tuan Tran, Rosemary She, Emi Minejima, **Jason Yamaki**, Joyce Ho, Paul Nieberg, Jennifer Cupo, Annie Wong-Beringer. Early cytokine balance predicts persistent *Staphylococcus aureus* bacteremia and mortality. 53rd Annual

Interscience Conference on Antimicrobial Agents of Chemotherapy, Denver, Sept 2013
(Platform)

References

Annie Wong-Beringer, PharmD – Vice Chair, CPPEP, USC School of Pharmacy

Mok T. Chong, PharmD, PhD, MBA – Department Chair, American University of Health Sciences

James Ito, MD – Infectious Diseases Section Chair, City of Hope Medical Center