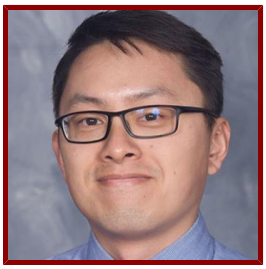
Stanford



Ray Rui Zhang

Adjunct Clinical Instructor, Radiology - Rad/Nuclear Medicine

CLINICAL OFFICE (PRIMARY)

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Bio

BIO

Background:

Ray Zhang grew up in Chicago, Illinois. He attended to UC Berkeley, where he majored in Chemical Biology. He then joined the Medical Scientist Training Program at the University of Wisconsin - Madison School of Medicine and Public Health, and earned his combined MD and PhD degrees. He completed his doctoral studies in the field of molecular imaging in the laboratories of Jamey Weichert and John Kuo, developing novel radiotracers for targeted cancer imaging and therapy.

His career interest involves continued leadership, activism, and translational research in the area of molecular imaging and therapy.

Education and Training:

Stanford University Medical Center, Palo Alto CA
Resident Physician, Department of Radiology (2020 - present)

Loyola Medical Center, Maywood IL
Resident Physician, Internal Medicine (6/2019-6/2020)

University of Wisconsin, Madison WI
M.D. (7/2011-5/2019)

Ph.D. Cellular and Molecular Biology (8/2013 – 6/2017)

Dissertation: Next Generation Alkylphosphocholine Analogs for Multimodality Imaging and Therapy of Cancer

Advisor: Jamey Weichert, Ph.D., John Kuo, M.D., Ph.D., F.A.C.S.

Project: Synthesis, characterization and preclinical imaging of tumor-targeted platform agents for intraoperative fluorescence-guided surgery, positron emission tomography, magnetic resonance imaging, and targeted radiotherapy

University of California, Berkeley CA

B.S., Highest Honors, Chemical Biology (2006 – 2009)

William C. Braye Scholar 2006-2009

Honors and Leadership Positions:

Lovell Memorial Scholarship for Excellence in Academic Radiology (2019)

Department of Radiology, University of Wisconsin. Madison, WI

Seminar Chair, Medical Scientist Training Program (2014-2015)

University of Wisconsin. Madison, WI

Keynote Speaker at Gray Matters Fundraiser Event

Foundation in Support for Brain Cancer. Madison WI (2014)

Secretary, Asian Pacific American Medical Student Association (2013-2014)

University of Wisconsin, School of Medicine and Public Health. Madison, WI

Treasurer, Asian Pacific American Medical Student Association (2012-2013)

University of Wisconsin, School of Medicine and Public Health. Madison, WI

Medical Scientist Training Program (2011-2019)

University of Wisconsin, School of Medicine and Public Health. Madison, WI

Co-founder, American Physician Scientist Association, Wisconsin Chapter (2013-2014)

University of Wisconsin, School of Medicine and Public Health. Madison, WI

Treasurer, American Physician Scientist Association, Wisconsin Chapter (2013-2014)

University of Wisconsin, School of Medicine and Public Health. Madison, WI

Teaching Assitant/Mentorship Achievement Award in Biological Sciences (2014)

Department of Cellular and Molecular Biology. University of Wisconsin-Madison

SPARK Research Fellow, H. Lee Moffitt Cancer and Research Institute (2007-2008)

Moffitt Cancer Center, Tampa, FL

Highest Honors in Chemical Biology (2009)

University of California, Berkeley

Dean's List (2006-2009)

University of California, Berkeley

William C. Braye Scholarship for Excellence in Chemistry (2006-2009)

University of California, Berkeley

Publications/Patents:

https://scholar.google.com/citations?user=yfG6A8MAAAAJ&hl=en

CLINICAL FOCUS

- Nuclear Medicine
- Diagnostic Radiology
- Theranostics
- Cancer Imaging
- Cancer Therapy

HONORS AND AWARDS

- William C. Braye Scholarship for Excellence in Chemistry, University of California, Berkeley (2006-2009)
- Dean's List, University of California, Berkeley (2006-2009)
- Highest Honors in Chemical Biology, University of California, Berkeley (2009)
- SPARK Research Fellow, H. Lee Moffitt Cancer and Research Institute, Moffitt Cancer Center, Tampa, FL (2007-2008)
- Teaching Assitant/Mentorship Achievement Award in Biological Sciences, Department of Cellular and Molecular Biology. University of Wisconsin-Madison (2014)
- Treasurer, American Physician Scientist Association, Wisconsin Chapter, University of Wisconsin, School of Medicine and Public Health. Madison, WI (2013-2014)
- Co-founder, American Physician Scientist Association, Wisconsin Chapter, University of Wisconsin, School of Medicine and Public Health. Madison, WI (2013-2014)
- Medical Scientist Training Program, University of Wisconsin, School of Medicine and Public Health. Madison, WI (2011-2019)
- Treasurer, Asian Pacific American Medical Student Association, University of Wisconsin, School of Medicine and Public Health. Madison, WI (2012-2013)
- Secretary, Asian Pacific American Medical Student Association, University of Wisconsin, School of Medicine and Public Health. Madison, WI (2013-2014)
- Keynote Speaker at Gray Matters Fundraiser Event, Foundation in Support for Brain Cancer. Madison WI (2014)
- Seminar Chair, Medical Scientist Training Program, University of Wisconsin. Madison, WI (2014-2015)
- Lovell Memorial Scholarship for Excellence in Academic Radiology, Department of Radiology, University of Wisconsin. Madison, WI (2019)

PROFESSIONAL EDUCATION

- Board Certification: Nuclear Medicine, American Board of Nuclear Medicine (2025)
- Residency: Stanford University Diagnostic Radiology and Nuclear Medicine Residency (2025) CA
- Internship: Loyola University Medical Center Dept of Medicine (2020) IL
- Medical Education: University of Wisconsin School of Medicine and Public Health (2019) WI
- B.S., University of California, Berkeley , Chemical Biology (2009)
- Ph.D., University of Wisconsin, Madison Department of Cellular and Molecular Biology , Radio-chemistry and Radiology (2017)
- M.D., University of Wisconsin, Madison WI, School of Medicine and Public Health , Medicine (2019)
- Resident Physician, Loyola Medical Center, Maywood IL , Internal Medicine (2019)
- Resident Physician, Department of Radiology & Nuclear Medicine, Stanford University Medical Center , Diagnostic Radiology and Nuclear Medicine (2020)

Publications

PUBLICATIONS

- **Beyond the margins: real-time detection of cancer using targeted fluorophores.** *Nature reviews. Clinical oncology*
  Zhang, R. R., Schroeder, A. B., Grudzinski, J. J., Rosenthal, E. L., Warram, J. M., Pinchuk, A. N., Eliceiri, K. W., Kuo, J. S., Weichert, J. P.
  2017