

Helong (Gary) Zhao, PhD

Visiting Scientist, German Cancer Research Center (DKFZ)

EMPLOYMENT & APPOINTMENT

German Cancer Research Center (DKFZ) – Frankfurt site, 2023-now
Visiting Team Leader and PhD Mentor of “Machine Learning in Oncology”

Medical College of Wisconsin, 2021-2024
Adjunct Assistant Professor, Department of Medicine

Versiti Blood Research Institute, 2021-2023
Research Scientist (comparable to Research Assistant Professor)
Founder and Director of *Versiti Research Training Program (VRTP)*

University of Utah, Huntsman Cancer Institute, 2019-2021
Postdoctoral Fellow, Division of Hematology & Hematologic Malignancies

University of Utah, School of Medicine, 2015-2019
Postdoctoral Fellow, Molecular Medicine Program

EDUCATION

The Ohio State University, 2010-2015
Ph.D. of Biomedical Sciences (specialized in Immunology)

Beijing University of Technology, 2006-2010
B.Eng. of Biomedical Engineering (*Summa Cum Laude* with research distinction)

CERTIFICATION

National Academy of Sports Medicine (NASM) - Certified Personal Trainer, 2023

RESEARCH FUNDING

Private donations collected through philanthropy activities. 2021-now.

Helmholtz HiDA Visiting Researcher Grant, 2024. (€ 13,350)

[pending] Alexander von Humboldt Foundation Humboldt Research Award (Experienced Researcher).

Susan Cooper Jones Endowed Fellowship in Cancer Research, Huntsman Cancer Institute, 2021. (\$ 1,000)

Pelotonia Foundation Research Fellowship, 2013- 2015. (offsetting graduate study cost)

HONORS AND AWARDS

Young Investigator Scholarship. Society of Hematologic Oncology (SOHO). 2023.

Top-Scoring Abstract and Invited Talk, John Goldman Conference on Chronic Myeloid Leukemia. European School of Haematology (ESH) and International Chronic Myeloid Leukemia Foundation (iCMLf). France. 2022.

ASH Abstract Achievement Award, American Society of Hematology. 2021.

Susan Cooper Jones Endowed Fellowship in Cancer Research, Huntsman Cancer Institute, University of Utah. 2021.

Conference Trainee Travel Award, FASEB Translational Neuroimmunology Conference, Colorado. 2018.

The von Haam Award (for graduate student of the year), Department of Pathology, College of Medicine, Ohio State University. 2014.

Pelotonia Research Fellowship, Pelotonia Cancer Research Foundation. 2013- 2015.

Biomedical Sciences Graduate Program Travel Award. 2013.

Awarded the *American Association for the Advancement of Science (AAAS)* membership, nominated through the Program for Excellence in Science by Dr. Joanna Groden (Vice Dean, College of Medicine, OSU). 2013.

PROFESSIONAL SERVICES

Conference session chair (Scientific session: mechanisms of resistance and new targets), John Goldman Conference on Chronic Myeloid Leukemia. European School of Haematology (ESH) and International Chronic Myeloid Leukemia Foundation (iCMLf). France. 2023.

Junior grant reviewer, ASH HONORS Resident Award study section. American Society of Hematology (ASH). 2023.

Conference abstract reviewer, 24th Annual John Goldman Conference on Chronic Myeloid Leukemia, European School of Haematology (ESH). 2022.

Journal reviewer, British Journal of Haematology (2023), Nature Medicine (2022), Science Signaling (2022), Nature Reviews Cancer (2020), Molecular Neurobiology (2019-now), Angiogenesis (2019).

Oral session moderator, Undergraduate Research Symposium, U. of Utah. 2016.

Poster judge, OSU Denman Undergraduate Research Forum, OSU. 2013-2015.

Poster judge, Fall Undergraduate Research Forum, OSU. 2014.

Poster judge, the State Science Day Academy Award, The Ohio Academy of Science. 2013.

Team leader, professional volunteers of Badminton event, 2008 Beijing Olympic Games. 2008.

Professional volunteer, Bocce event, 2008 Beijing Paralympic Games. 2008.

TEACHING

Lecturer of BIO5800, Advanced Topics in Biochemistry & Cell Biology, U. of Utah. Summer, 2020.

Advanced teaching training by Dr. Janet Lindsley, Professor of Biochemistry and Assistant Dean of Curriculum, School of Medicine, U. of Utah. Successfully adopted reverse-classroom technique, team-based-learning (TBL) teaching method, and online classroom.

Research mentor of undergraduate student Greg Lee (Biomedical Engineering Major – Honors, *Cum Laude*, U. of Utah), 2016-2018.

Under my mentoring, Greg was a two-time UROP research fellowship awardee, and published one first-author research article and one co-authored research article.

Research mentor of undergraduate student Angel B. Algarin (Spanish Major –OSU), 2014-2015.

I was nominated for the Outstanding Research Mentor Award for mentoring Angel's research and his poster presentation at the OSU Denman Undergraduate Research Forum.

Research and dissertation mentor of undergraduate student Cory S. Gregory (Molecular Genetics Major – Honors, OSU), 2011-2013.

Under my mentoring, Cory graduated from OSU with honors research distinction, and his research project "Role of LSP1 in HIV-1 Infection in T Cells" was awarded the "College of Arts and Sciences Undergraduate Research Scholarship Award (2012)". Cory presented a research poster at the Denman Undergraduate Research Forum (2013). Dr. Ramesh Ganju and I were co-advisors of Cory.

Teaching Assistant of Biomedical Sciences 2900H, Immunology-based Techniques, OSU. 2013.

PROFESSIONAL MEMBERSHIPS

European Hematology Association (EHA) junior member. 2024-now.

Society of Hematologic Oncology (SOHO) member, 2023-now.

American Society of Hematology (ASH) associate member. 2022-now.

American Association for the Advancement of Science (AAAS) member. 2013-2016.

American Heart Association (AHA) professional member. 2013-2014.

Badminton national registered referee, Level III, CHINA. 2008-2010.