

Tingli Yang
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PROFESSIONAL EXPERIENCE

Adjunct Faculty: Houston Community College, Biology Department August 2019-Present

- Develop and use a syllabus for each course or laboratory within college, discipline, and departmental guidelines.
- Plan, develop, and use a variety of teaching methods and materials that assist students in meeting course objectives and which are appropriate for students with differing educational and experiential backgrounds and learning styles.
- Evaluate students to measure their progress toward achievement of stated course objectives and inform them of their progress in the course in a timely manner.
- Use equipment and facilities responsibly and courteously. Where appropriate, assist the chair with the routine maintenance of instructional laboratories.
- Make efforts to improve instruction quality by utilizing innovative methodologies, techniques, and delivery methods.
- Demonstrate competence and interest in using technology and willingness to explore new instructional methodologies in class.
- Keep accurate student records and submit related reports and forms within requested timelines.

Science Teacher: Houston ISD August 2018-Present

- Adhere to the district's philosophy of instruction. Develop and implement lesson plans that fulfill the requirements of district's curriculum program and show written evidence of preparation as required.
- Prepare lessons that reflect accommodations for differences in student learning styles. Present subject matter according to guidelines established by Texas Education Agency, board policies and administrative regulations.
- Conduct assessment of student learning styles and use results to plan instructional activities. Work cooperatively with special education teacher to modify curricula as needed for special education students according to guidelines established in Individual Education Plans (IEP).
- Create classroom environment conducive to learning and appropriate for the physical, social and emotional development of students. Manage student behavior in accordance with Student Code of Conduct and student handbook.
- Participate in staff development activities to improve job-related skills. Keep informed of and comply with state, district and school regulations and policies for classroom teachers.

Medical Advisor Intern: Advanced Maternity Innovation LP. Houston, TX January 2018 – May 2018

- Performed technical presentations related to medical devices feature-demonstrating and new technology to clients.
- Analyzed technical patent and intangible property articles to ensure company maintains its cutting-edge technology.
- Drafting Standard Operating Procedure (SOP) and other regulatory documents to comply federal regulation.

Graduate Teaching/Research Assistant: Texas A&M Health Science Center IBT, Houston, TX September 2012- December 2017

- Teaching assistant for 3 Fall semesters from 2015 to 2017 for class - MSCI601-Cell Biology
 - Assigned presentation projects to college student, and hosted journal club to discuss newly published scientific literature.
 - Collected seminar reports and homework and helped to grade exam papers.
- Provided lectures to summer students and visiting scholars about latest bioscience equipment operating skills and technology.
- Experienced in biological and life science experiments for the highest quality and best possible delivery of experimental results.
- Ensure the safety procedures on operating laboratory equipment, performed regular safety check on chemical/biomedical hazard.
- Effectively apply scientific technical acumen and technical leadership capabilities to conduct teamwork and fulfil project needs.
- Accurate project/time management and teamwork orientated, well-developed written and oral communication skills.
- Independently initiated research file and reviewed regulatory documents (IACUC and IBC protocol), systematically documents management.
- Grant and publication writing experience with high degree of written accuracy and attention on detail.
- Problem-solving techniques and creatively improved performance and effectiveness, decisions impact short and long term.
- Strong computing skills: MS Office and image analysis software (Leica analysis system, imageJ)

PEER REVIEWED PUBLICATIONS:

Yue X, Yang X, Lin X, **Yang T**, Yi X, Dai Y, Guo J, Li T, Shi J, Wei L, Fan GC, Chen C, Chang J. *Cell Death Dis.* 2014 Jun 5;5:e1284. doi: 10.1038/cddis.2014.235. Rnd3 haploinsufficient mice are predisposed to hemodynamic stress and develop apoptotic cardiomyopathy with heart failure.

Yue X, Lin X, **Yang T**, Yang X, Yi X, Jiang X, Li X, Li T, Guo J, Dai Y, Shi J, Wei L, Youker K, Torre-Amione G, Andrade K, Chang J. *HYPERTENSION* 115.06412 January 18, 2016, doi: 10.1161/HYPERTENSION.115.06412 *Rnd3/RhoE Modulates Hypoxia-Inducible Factor 1 α /Vascular Endothelial Growth Factor Signaling by Stabilizing Hypoxia-Inducible Factor 1 α and Regulates Responsive Cardiac Angiogenesis.* (Co-first author)

Yi X, Tao Y, Lin X, Dai Y, **Yang T**, Yue, X, Jiang, X, Li, X, Jiang D S, Andrade K.C, Chang, J. *Biochim Biophys Acta*. 2017 Jan 24; 1864(4):697-707. doi: 10.1016/j.bbamcr.2017.01.012. Histone methyltransferase Setd2 is critical for the proliferation and differentiation of myoblasts. (Co-first author)

EDUCATION

Doctor of Philosophy – Medical Science

Sept 2012 – Oct 2017

Texas A&M University, College Station, TX

HONORS: AHA Predoctoral Fellowship Southwest Affiliate (Two Years Funding, \$52,000, 2016-2017)

Bachelor of Medicine (equal to M.D)

Sept 2007 – June 2012

Shanghai Jiao Tong University, Medical School, Shanghai, China

EXTRACURRICULAR ACTIVITIES:

June 2013–June 2014 President of Texas A&M HSC-IBT Graduate Student Organization

Jan 2015–Present Member of American Heart Association (AHA)

July 2016 American Heart Association Basic Cardiovascular Sciences (BCVS) Scientific Sessions conference, Phoenix, AR