

UNIVERSITY OF THE
PACIFIC

Jie Du Center for Innovation and
Excellence for Drug Development

12 - WEEK COURSE

Clinical Pharmacology in Drug Development



IMPACT

This course presents a 360-degree view of the role of clinical pharmacology in the drug development process

WHO SHOULD ATTEND

Entrepreneurs, scientists, pharmacists and other health care professionals interested in pharmaceutical development



Course Director

Miki Susanto Park, PhD
Professor, University of the Pacific



Executive Director

Bhaskara R. Jasti '95,
MPharm, PhD, FAAPS
Professor, University of the Pacific



START DATE

August 24, 2022

\$950

12-week course, 2 hours per week

APPLY NOW

Submit a 250 word statement sharing your goals for the course upon registration.

bit.ly/jie-du-clinical-pharmacology

Rolling admission until start date.

What role does clinical pharmacology play in drug development?

Deepen your understanding of the development stage.

Develop a strategic approach to gathering and decoding real-world data.



Deciphering types of drug applications

Learn the components of different types of applications, including Investigational New Drug, New Drug Application and Biological License Application.

Demystifying quantitative system pharmacology

Understand how quantitative system pharmacology is used in drug discovery and to deliver precision medicine via mathematical computer models.

Creating a target product profile

Explore various lead optimization strategies and learn how to assemble a profile for your target product.

Developing molecules

Understand the role of pharmacokinetics, pharmacodynamics and biomarkers in small and large molecule development.

Navigating design phases

Understand the purpose and design of phase 1, 2 and 3, clinical interaction and special population studies.

Considering pediatric patients

Learn what key factors need to be taken into consideration for drug development in pediatrics.

Evaluating safety

Gain an understanding of the role of pharmacogenomics, pharmacovigilance and drug safety in drug development.

We help you develop innovative products for unmet medical needs

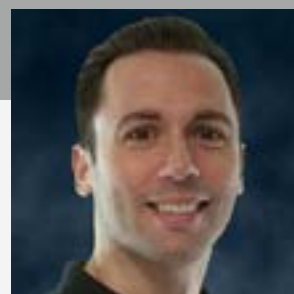
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Stacey Tannenbaum, PhD, BSE
Senior Director of Pharmacometrics US
Astellas Pharma US



Nathan Teuscher, PhD
Vice President
Pharmacometric Consulting

About the Center

The Jie Du Center for Innovation and Excellence for Drug Development promotes innovation in drug development through education, training and mentorship, while fostering collaboration between Pacific students and industrial scientists. Individuals gain skills in pharmaceutical regulation, entrepreneurship and business to prepare them for navigating the challenges associated with new ventures in drug development.

The Center offers opportunities to take one's scientific and clinical expertise and complement them with the specialized knowledge and skills that are valued in today's competitive job market.

The Center is part of University of the Pacific and is located in Stockton, California.

[**LEARN MORE**](#)

About University of the Pacific

Since 1955, University of the Pacific's Thomas J. Long School of Pharmacy has been training health care professionals who are problem-solvers, innovators and leaders. The School was shaped into what it is today by the hard work, dedication and support of its charismatic faculty, staff, students, alumni and friends. Throughout the School's history, individualized, faculty-led experiential learning programs, combined with the support of a powerful alumni network, have led to student success.

The Center will provide tools to entrepreneurs in five key areas





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CONTACT US

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