Omaha, Nebraska: Heartland of America

Omaha is a vibrant city located in the center of the United States and the heart of the Midwest. It offers the best in Midwestern hospitality with the energy of a growing city on the move. It has been rated as one of the top 10 cities for quality of life due to living expenses, excellent education, and recreational and cultural opportunities.

UNIVERSITY OF NEBRASKA MEDICAL CENTER

is world-remowned for our front-line treatment of Ebola patients

But we’re on the front-lines in education too...

Our graduates go on to rewarding careers and will continue to shape the future of science, academia and health care

For more information, please contact:
Asia Pacific Rim Development Program (APRDP)
University of Nebraska Medical Center
987111 Nebraska Medical Center, Omaha, NE 68198-7111
402-559-8499 | cscscholarship@unmc.edu
unmc.edu/aprdp
A vital enterprise in the nation’s heartland

The University of Nebraska Medical Center has its eye on improving the future of health care in Nebraska and beyond.

As Nebraska’s only public academic health sciences center, UNMC is committed to the education of a 21st century health care work force, to providing the best care for patients, and to serving our state and its communities through award-winning outreach. UNMC also is committed to enriching the richness of diversity, and is a major economic engine for the state of Nebraska.

CHINA SCHOLARSHIP COUNCIL (CSC) PROGRAMS OVERVIEW

unmc.edu/aprdp/csc

Ph.D. Degree
unmc.edu/aprdp/csc/phd

Students can earn a Ph.D. in breakthrough research in areas such as:

- Biochemistry & Molecular Biology
- Biomedical Informatics
- Biostatistics
- Cancer Research
- Environmental Health, Occupational Health & Technology
- Epidemiology
- Health Promotion & Disease Prevention
- Health Services Research, Administration & Policy
- Immunology, Pathology & Infectious Disease
- Integrative Physiology & Molecular Medicine
- Molecular Genetics & Cell Biology
- Neuroscience
- Oral Biology
- Nursing
- Pharmacological Sciences
- and others!

MASTERS’ DEGREES (NOT CSC)

unmc.edu/aprdp/csc/masters

1- to 2-year programs for individuals desiring careers in health sciences, industry, education or research to prepare themselves for either professional studies or other positions in areas such as:

- Biochemistry & Molecular Biology
- Biomedical Informatics
- Cancer Research
- Emergency Preparedness
- Immunology, Pathology & Infectious Disease

PH.D. DEGREE-SEEKING PROGRAM

unmc.edu/aprdp/csc/phd

Students will train and perform research projects supported by a principal investigator at UNMC for 4 to 5 years. Upon completion of this training, a Ph.D. will be awarded from UNMC.

Financial support

CSC: $1,600 monthly living stipend, plus round-trip airfare and visa application fees
UNMC: $450 monthly, plus tuition waiver, health insurance, and temporary low-cost housing

INTERDISCIPLINARY GRADUATE PROGRAM IN BIOMEDICAL SCIENCES

unmc.edu/aprgp

The Interdisciplinary Graduate Program in Biomedical Sciences (IGPBS) consortium consists of six interdisciplinary research-focused doctoral programs with over 200 participating research faculty from 32 basic science and clinical departments. The purpose of this program is 1) to provide students with greater flexibility and wider opportunities for choosing a laboratory in which to pursue Ph.D. research, and 2) to provide students with a solid, broad-based training in multidisciplinary biomedical research.

Biochemistry and Molecular Biology
- Molecular Biology of Cancer
- Cellular Processes in Healthy Cells and Disease
- Genome-wide and Whole Cell Analyses

Cancer Research
- Causes of cancer
- Diagnostics and Therapeutics
- Molecular and Cellular Characteristics of Cancer

Immunology, Pathology and Infectious Disease
- Immunology and Disease
- Molecular Pathogenesis
- Infectious Disease

Integrative Physiology and Molecular Medicine
- Cardiovascular Function
- Cell Transport and Signaling
- Inflammation and Autoimmune Processes
- Mechanisms of Cellular Injury and Fibrogenesis
- Neurophysiology and Neurological Disorders
- Therapeutic Strategies

Molecular Genetics and Cell Biology
- Genetics of Human Disease
- Cancer Cell Biology & Genetics
- Development Biology
- Stem Cells in Disease and Development
- Fundamental Cellular Processes

Pharmaceutical Sciences
- Drug discovery
- Drug delivery and targeting
- Medicinal chemistry
- Cell and gene therapy
- Biophysical chemistry
- Biomaterials, nanotechnology, and nanomedicine
- Bioinformatics
- Drug targeting
- Pharmacokinetics/Pharmacodynamics
- Clinical and translational research

Disease-Based Research
- Cancer
- Cardiovascular Disease
- Malaria
- Bone Disease
- Ophthalmic Disease
- Diabetes
- Liver Diseases
- Neurodegenerative Disorders

UNMC: $400 monthly, plus tuition waiver, health insurance, and temporary low-cost housing

UNMC: $1,600 monthly living stipend, plus round-trip airfare and visa application fees

PUBLIC HEALTH GRADUATE PROGRAM

unmc.edu/publichealth/admissions

Biostatistics
- We apply quantitative and analytic sciences – in collaboration with clinical, laboratory and community investigators – to plan, conduct, analyze, and interpret research studies

Environmental, Agricultural, and Occupational Health
- We foster research, education, and service to improve environmental health and agricultural safety, and reduce occupational hazards across different work environments.

Epidemiology
- We evaluate and improve population health through research and education. We monitor the distribution of health and disease among communities and the changes that occur over time to better understand factors that influence health and disease as well as the effectiveness of multilevel interventions.

HEALTH PROFESSIONS DEGREE PROGRAMS (First ever of its kind)

unmc.edu/aprdp/csc/professional-degree

Enhancing professional doctoral training has become an important need in Chinese society. The doctoral degree training in the health professions, such as primary care, nursing practice, dentistry, pharmacy and Physical Therapy, are under development by many top Chinese institutions. UNMC has responded to this need by developing the first-ever Health Professions Degree Programs for Chinese students with the China Scholarship Council.

Individuals who have recently graduated or who are currently enrolled in a medical, life science, or health professions such as primary care, nursing practice, dentistry, pharmacy and Physical Therapy, are under development by many top Chinese institutions. UNMC has responded to this need by developing the first-ever Health Professions Degree Programs for Chinese students with the China Scholarship Council.

Financial Support

CSC: tuition, $1,600 monthly living stipend, plus round-trip airfare and visa application fees
UNMC: Temporary low-cost housing

Health Promotion, Social, and Behavioral Health
- We enable populations and communities to achieve optimal health – a balance of physical, mental, and social health – through social and behavioral change and the creation of environments that are conducive to healthy lifestyles. Through an interdisciplinary approach, we integrate the expertise of faculty with diverse backgrounds in social and behavioral sciences.

Health Services Research and Administration
- We influence the content and implementation of public policies in ways that improve health through better access to high-quality and affordable health care and public health services.