

APPLICATION FOR ADMISSION

Please print or type

Name _____
Social Security Number _____
Address _____
City _____
State _____ Zip _____
Phone (____) _____
 Male Female
Date of Birth _____
Parent Name(s) _____
Present Grade Level: Sophomore Junior Senior
High School _____
Location _____

Mail this completed application, transcript, letter of recommendation and written statement before May 9, 2011, to **Dr. Surendra Singh, director of ISSP at Newman University, 3100 McCormick, Wichita, KS 67213-2097**. Participants will be notified of the status of their application by May 23, 2011.

I certify that the above information is correct and complete for the use in the ISSP at Newman University.

Signature of Student

Academic Eligibility

I certify that the above student, _____ has maintained a grade point average of _____ for all work completed to this date. He/She is academically eligible to participate in the ISSP at Newman University.

Signature of Counselor/Principal

Parental Permission

I give my permission for my son/daughter to enroll in the ISSP at Newman University.

Signature of Student

Photocopies of this application may be made for additional participants.

NEWMAN UNIVERSITY

Newman University is a Catholic, liberal arts university located in Wichita, Kansas. The School of Science and Mathematics and The School of Nursing and Allied Health offer majors in biology, chemistry, nursing, nurse anesthesia, occupational therapy, radiologic technology and respiratory care.

Heimerman Science Center provides students with excellent laboratory facilities. The science division has a remarkable record of placing its students in medical, graduate and other professional schools, which reflects a well-rounded educational program as well as the education and caliber of the faculty.

PROGRAM FACULTY

(Guest) Tim Kenney, M.L.S.
University of Kansas School of Medicine

John Leyba, Ph.D., Associate professor
of Physical Chemistry and Physics

(Guest) Rahul P. Singh, M.D., ER Physician

Susan Orsbon, M.A., Associate professor
of Biology and Anthropology

Ronald Shipley, M.S.Ed., R.T.,
Director of Radiologic Technology

Alan Oberley, M.S., Lecturer in
chemistry and physical science

Surendra Singh, Ph.D., Professor of Biology,
Bioethics and Environmental Biology

Lori Steiner, Ph.D., Associate Professor
of Mathematics

Michael Bradley, Ph.D., Assistant Professor of
Physiology, Pathophysiology and Nutrition

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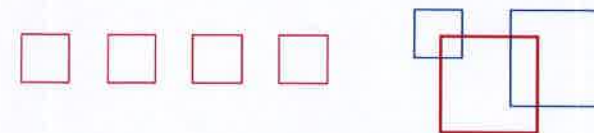
NEWMAN UNIVERSITY

INVESTIGATIVE SUMMER SCIENCE PROGRAM



JUNE 13-24, 2011

**FOR HIGH SCHOOL
SOPHOMORES,
JUNIORS AND SENIORS**



SPONSORED BY:



University of Kansas School of Medicine

PROGRAM

The Investigative Summer Science Program (ISSP) is designed to enhance enthusiasm and interest of high school current sophomores, juniors and seniors in the sciences and motivate them through exploration and testing of ideas for careers in the sciences.

The program is offered in response to a national concern about the diminishing number of young people pursuing careers in the sciences.

Newman University is proud to have the Fred C. and Mary R. Koch Foundation and the University of Kansas School of Medicine–Wichita as co-sponsors of the Investigative Summer Science Program.

OBJECTIVES



Make science a fun and exciting opportunity through an investigative laboratory approach.



Broaden students' scientific interests and inform them of opportunities and challenges in science and medicine.



Strengthen pre-college science education and address the needs of students during the critical years when concepts and attitudes are developed.



Foster independent scholarship, originality and competence in physical, biological and health sciences.



Rebuild our human resource for a basic sciences and provide a basis for future technological exploration in science and mathematics.



Increase the number of high school science teachers by motivating participants to learn more about science through hands-on discovery.

■ FORMAT

Participants selected for the ISSP will be required to stay in campus housing. Room and board for two weeks and two hours of college credit, upon successful completion of the program, will be provided at no charge to participants. The program will be from 8 a.m. to 5 p.m. June 13–24, 2011.

Library research, relevant films and videotapes will be shown in the evenings with follow-up discussions. Since participants are minors, they are expected to remain on campus at all times unless accompanied by faculty members or parents.

Each participant will select one research topic from each of the biological or medical and physical sciences and will conduct a literature search on the selected topics, set up laboratory/field experiments, collect data, analyze the results, draw conclusions from the findings, and, finally, write two papers in a scientific format. After the papers are completed, participants are expected to give an oral presentation and are encouraged to enter their papers at the annual meeting of the Kansas Junior Academy of Science. Supervision and project background information will be provided by the program faculty in a one-to-one ongoing discussion format rather than traditional lectures. Field trips and guest speakers will be scheduled in the late afternoons and during the weekend.



CRITERIA FOR SELECTION

Applicants must be currently high school sophomores, juniors or seniors with a minimum 3.0 grade point average and have completed at least one high school science course.

Applicants need to complete the application for admission on the back of this brochure and include a letter of recommendation from a teacher or principal along with a high school transcript. They will also be required to include a 200-word essay explaining their career goals and the reason they should be considered for the ISSP.

All application materials must be postmarked by May 9, 2011 for guaranteed consideration.

Applicants selected to attend will be notified about their selection by May 23, 2011. Selected participants will reflect the same proportion of rural to urban students as that of Kansas' general population. For further information about the program, please call Dr. Surendra Singh, program director, at 316-942-4291, ext. 2117, or Toll-Free at 877-639-6268, ext. 2117.

