

**RESEARCH PARTICIPATION**  
**of Recent**  
**HARDING UNIVERSITY PREMEDICAL STUDENTS**  
(by initials of students)

KC

-atmospheric chemistry research with Harding chemistry professor

KH

-research projects with Harding chemistry professor

1. repairing, interfacing a data logger and calibrating our high performance liquid components in the reaction mixtures of ruthenium compounds
2. project to measure chemical reaction rates of reactions important to an understanding of concentration of stratospheric ozone

-summer research program at Texas A&M

-summer research program at UAMS

JH

-research project in organic medicinal chemistry with Harding chemistry professor

-presented the result of his research at two undergraduate research conferences

-faculty directed research in the biology department

SK

-summer research at the Casey Eye Institute of Oregon Health Sciences

LL

-independent chemistry research at Harding - results she presented at two undergraduate research conferences and at the NASA Arkansas Space Grant Consortium

MW

-summer research at Children's Hospital in Little Rock

KC

-research project in exercise science with Harding professor

MD

-summer internship in mycobacteriology at UAMS

-summer fellowship to study at Brookhaven National Laboratory in nuclear and radiochemistry

BJ

-research project studying salamander DNA and population genetics with Harding biology professors

MK

-summer research fellowship at UAMS in immunology and microbiology

RL

-research project studying the “Effects of Ultraviolet Radiation and Acid Rain on Frog Eggs” at Faulkner University

CG

-accepted into several summer undergraduate research programs  
-working in an academic research lab in the University of Texas System

RG

-1998 summer research on synthesis and photochemistry of photo active amino acid derivatives under Dr. Richard S. Givens at the University of Kansas in a NSF-REU program - asked to present results of research at the regional ACS meeting in November 1999  
-1999 summer research at the University of Oklahoma

DH

-internship at Roswell Park Cancer Institute in Buffalo in molecular genetics

CH

-summer research at UAMS in pharmacology and toxicology

MM

-research in biochemistry department at UAMS  
-NASA research project at Harding

SM

-3 month internship in Tulsa in orthopedic surgery  
-medical assistant program at Tulsa Technology Center

BM

-six week internship in Congress for a Representative from Oklahoma

MS

-research project with Harding biology professor in the area of behavioral fever in box turtles (literature search, caring for the turtles, developing methods and materials, and collecting data)  
-summer research program in nutritional biology and chemistry at Penn State University

SF

-research project to study chromium biochemistry with Harding chemistry professor; using Neutron Activation Facilities at Texas A&M and the Human Nutrition Lab of the USDA at Beltsville, Maryland

JH

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GM

-research internship in molecular biology at Carnegie-Mellon University

JP

-NASA EPSCoR undergraduate fellow on research involving hybrid rocket motors with Harding chemistry professor  
-presentations at the Arkansas Space Grant Consortium Symposium, the Arkansas Undergraduate Research Conference, and the American Institute of Aeronautics and Astronautics meeting in Huntsville, Alabama regarding his research

JT

-research project on hormone receptors at Rutgers University with Dr. Patrick McIlroy, Chair of the Department of Biology

BW

-biomedical research at Oklahoma University Health Sciences Center

LT

-biophysics of Aquaporin cell membranes at University of Arizona

HK

-NASA/Arkansas Space Grant Undergraduate Research Fellow

-Chemical kinetics measurements of substances that pollute the atmosphere as they react with hydroxyl radicals. Measurements of ultra violet, visible and near infrared emission spectrum of hybrid rocket exhaust plumes

SG

-Arkansas Cancer Research Center brain tumor research – the effects of p53 mutations in glioma tumors

RD

-studied apoptosis and RNAi using *C. elegans*

KM

-viral immunity in the *C. elegans* model – UAMS

-one of 20 interns chosen from 500 applicants for summer undergraduate research at Cold Springs Harbor under Bruce Stillman – a leader in the field of DNA Replication

-Archeological dig in Israel

-NASA Research on Harding campus regarding the effects of elevated carbon dioxide on plant growth.

JG

-scientific research internship at Rutgers University at the Blueberry/Cranberry Research Station in Chatsworth, New Jersey

KB

-research Fellowship at Center for Immunology at the University of Texas, Southwestern.

CB

-research internship with the Mississippi State University Chemistry Department.

LFC

-research assistant for a project at Washington University Medical School in the Infectious Disease Department studying an educational intervention approach for catheter associated bloodstream infections.

DA

-research with Dr. Edmond Wilson, NASA

HA

-Summer Research Assistant, working with surgeons in the field of Illizarov bone lengthening techniques; investigating the muscle tissue effects after Illizarov distraction surgery.

JB

-research in an INBRE fellowship at UAMS under Dr. Larry Cornett in the department of Biochemistry and Molecular Biology.

JE

-Research for NASA in Mars atmospheric kinetics

DG

-researched the relationship between the down regulation of the At3g1290 gene and the ILR3 gene in the *ilr3* mutant.

-researched yeast 2-hybrid experiments on a small portion the C-terminus of the promoter of the *ilr3* mutant gene from *A. thaliana*.

JR

-research with Dr. Edmond Wilson, NASA

HB

- working with Dr. Christian Head, researcher at UCLA on cancer.

RC

- Genetics research project with Dr. Rampey at Rice University.

TG

- summer research at Rice University in Houston in the field of genetics.

AH

- UT Memphis Health and Science

GH

- research technologist at UAMS relating to molecular biology research in the fields of nephrology, endocrinology, pediatrics and toxicology.

BK

- research for Dr. Wilson under NASA grants, designed promotional graphics, analyzed spectral emissions in hybrid rockets, designed calibration procedures, constructed test apparatus, collaborated with NASA Jet Propulsion Laboratory scientists.

AK

- research on health care in Zambia

TR

- research under Dr. Dave Warren at Washington University in St. Louis School of Medicine in the Infectious Disease department with Methicillin-Resistant *Staphylococcus Aureus* (two summers)

SW

- Arkansas INBRE Summer Biomedical Research Internship.
- NASA EPSCOR Harding Space and Atmospheric Research Team

KW

- research project for the Ronald E. McNair program at Harding University under Dr. Kevin Stewart on the title of "Synthesis of Model Compounds for use in OLED Technology."

CW

- UAB Summer in Biomedical Science Research Program

JG

- two summers of research at Harvard University with Dr. Kevin Kit Parker