WHY UW?

300+ MERIT-BASED SCHOLARSHIPS ARE OFFERED EACH YEAR

90% OF CEAS COURSES ARE TAUGHT **BY ENGINEERING FACULTY**

18:1 **STUDENT-FACULTY RATIO** (PLUS, AVERAGE CLASS SIZE OF 28)

88% RATE OF EMPLOYMENT IN STUDENT'S CHOSEN FIELD W/IN SIX MONTHS OF GRADUATION

5-12% OF SENIORS PASS THE FUNDAMENTALS OF ENGINEERING EXAM ABOVE AVERAGE

3 RESIDENCE HALL FLOORS WITH A COMPUTING LABORATORY ARE DESIGNATED FOR ENGINEERING STUDENTS ONLY

25+ **RECOGNIZED ENGINEERING STUDENT ORGANIZATIONS** GET INVOLVED IN AICHE (AMERICAN INSTITUTE OF CHEMICAL ENGINEERS), TBP (TAU BETA PI), SWE (SOCIETY OF WOMEN ENGINEERS) AND MANY MORE

CONTACT INFORMATION

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CHEMICAL ENGINEERING FACULTY

Vladimir Alvarado - Department Head
Ph.D., University of Minnesota, 1996

Saman Aryana
Ph.D., Stanford University, 2012

David M. Bagley
Ph.D., Cornell University, 1993

David A. Bell
Ph.D., Colorado State University, 1992

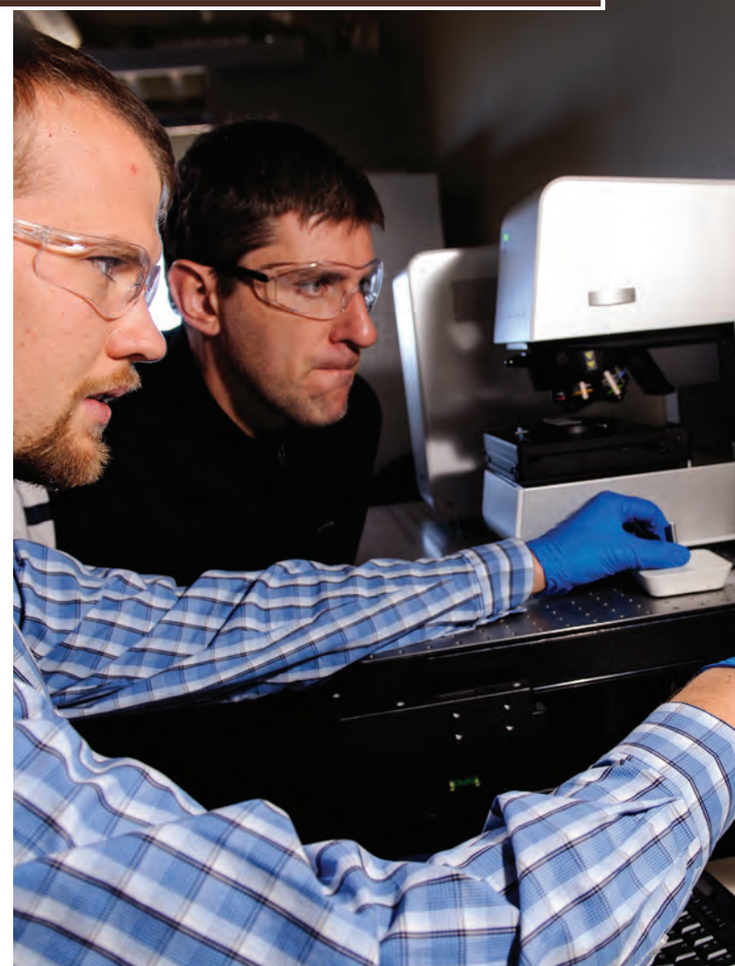
Joseph Holles
Ph.D., University of Virginia, 2000

Patrick Johnson
Ph.D., Columbia University, 2005

Dongmei (Katie) Li
Ph.D., University of Colorado at Boulder, 2003

John Oakey
Ph.D., Colorado School of Mines, 2003

Karen Wawrousek
Ph.D., California Institute of Technology, 2009



COLLEGE OF ENGINEERING & APPLIED SCIENCE
UNIVERSITY OF WYOMING

BUCKING THE SYSTEM SINCE 1886.

CHEMICAL ENGINEERING

uwyo.edu/chemical

CHEMICAL ENGINEERING

IS AN EXCITING AND DEMANDING FIELD THAT PROVIDES EXCELLENT CAREER OPPORTUNITIES IN THE U.S. AND AROUND THE WORLD.

At UW Chemical Engineering, we strive to prepare students to be leaders in industry, government or academia. Those alumni with the advanced education and research skills associated with obtaining graduate degrees have additional flexibility, breadth and depth to become leaders as the problems of tomorrow arise.

Our faculty are award-winning, world-class researchers and teachers with a variety of research foci. The department occupies a major share of the modern 130,000-square-foot engineering addition, including six undergraduate laboratories and 20 research laboratories as well as machine, wood and instrument shops.

WHAT IS CHEMICAL ENGINEERING?

Chemical engineering turns raw materials, such as crude oil, biological materials, metals and waste materials, into usable products such as gasoline, foods and medications. Chemical engineers apply the principles of chemistry, biology, physics and math to solve problems that involve the production or use of chemicals, fuel, drugs, food and many other products.

CAREERS IN CHEMICAL ENGINEERING:

Careers in the energy, food, water, manufacturing, healthcare and pharmaceutical industries are typical. Professionals work on creating and refining polymers in manufacturing and medicine. They design processes and equipment for large-scale safe and sustainable manufacturing, plan and test methods of manufacturing products and treating byproducts and supervise production.

DID YOU KNOW?

$102,160

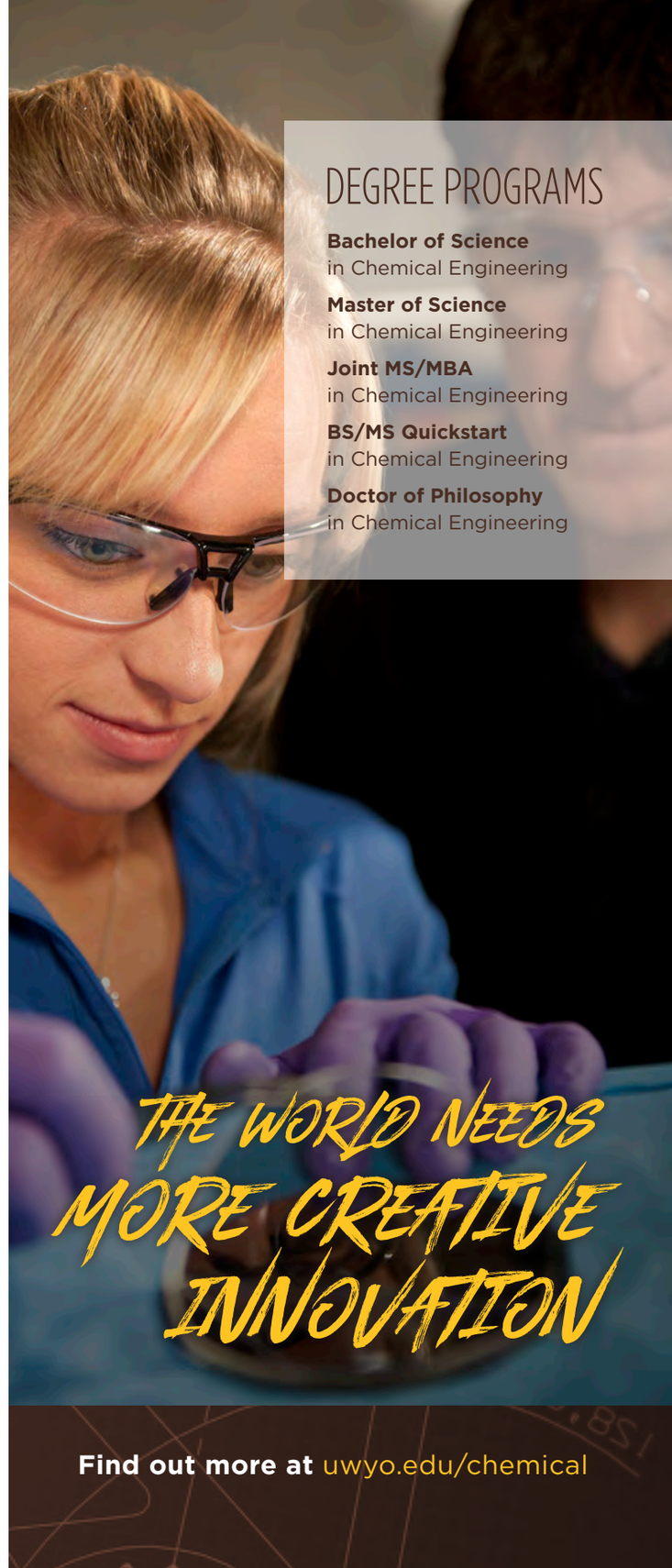
THE AVERAGE ANNUAL SALARY FOR CHEMICAL ENGINEERS WAS $102,160 IN 2017.

NOTABLE EMPLOYERS

NOTABLE EMPLOYERS INCLUDE PFIZER, JOHNSON & JOHNSON AND DUPONT.

CUTTING-EDGE RESEARCH

STUDENTS CAN RESEARCH BIOMATERIALS, INCLUDING CELL TYPES THAT REGENERATE STRUCTURAL TISSUES LIKE CARTILAGE AND BONE.



DEGREE PROGRAMS

Bachelor of Science
in Chemical Engineering

Master of Science
in Chemical Engineering

Joint MS/MBA
in Chemical Engineering

BS/MS Quickstart
in Chemical Engineering

Doctor of Philosophy
in Chemical Engineering

Find out more at uwyo.edu/chemical