University Distinguished Professors

The highest academic recognition awarded by the University, the title of University Distinguished Professor, is bestowed upon a very small number of full professors at any one time on the basis of outstanding scholarship and achievement. Professors receiving this title hold the distinction for the duration of their association with Colorado State University.

To obtain the rank, faculty members are nominated through an extensive review process and must be approved by the current University Distinguished Professors. Colorado State's current president approves new selections and secures endorsement from the Board of Governors of the Colorado State University System.

Barbier

Edward Barbier, B.S. (Yale University), M.Sc. (London School of Economics and Political Science), Ph.D. (University of London)
Department of Economics

Dr. Barbier is a leading environmental economist. He has had a long and distinguished career in environment, natural resource, and development economics. He pioneered the earliest economic approaches to sustainable development.

Katherine "Kate" Browne, B.A., M.A., Ph.D. (Southern Methodist University)
Department of Anthropology

Dr. Browne has conducted ground breaking research in the field of cultural anthropology and has emerged as one of her discipline's most recognized scholars. Her primary field of study is communities that are impacted by disasters intensified by climate change.

Browne

Chandrasekar

V. "Chandra" Chandrasekar, B.S. (Indian Institute of Technology), M.S., Ph.D. (Colorado State University)

Department of Electrical and Computer Engineering

Chandra has made pioneering contributions in the area of polarimetric radar observations of the atmosphere and urban observation networks. He has extensive experience in radar system design, radar network development, digital signal processing design, as well as radio frequency communication systems.

Eugene Chen, B.S/M.S. (Shangrao Normal University/ Nankai University, Ph.D. (University of Massachusetts, Amherst)
Department of Chemistry

Dr. Chen has made internationally recognized seminal contributions to advances in green and sustainable chemistry, particularly in pioneering chemically recyclable sustainable polymers with intrinsically infinite recyclability.

Chen

Diehl

Manfred Diehl, M.S. (Rheinische Friedrich-Wilhelms-Universitat Bonn, West Germany), Ph.D. (Pennsylvania State University)
Department of Human Development and Family Studies

Dr. Diehl is nationally and internationally known for his research in the area of adult development and aging. Using longitudinal and intensive repeated measures designs, his research has contributed to a better understanding of the role of personality and coping strategies in responding to stressors in adulthood. His work also examines the role of motivational factors in promoting healthy aging.

Camille Dungy, MFA (University of North Carolina, Greensboro)
Department of English

Professor Dungy is a poet and literary critic of national and international distinction. Her record of creative activity is simply outstanding: scores of individual poems and essays, five sole-authored collections of poetry, and nearly 100 public appearances at esteemed venues.

Dungy

Knapp

Alan K. Knapp, B.Sc. (Idaho State University), M.Sc., Ph.D. (University of Wyoming)
Department of Biology

Dr. Knapp is one of the world's most respectd ecosystems ecologists and has compiled a noteworthy career in teaching and research that spans more than 35 years. His best known work came at the Konza Prairie Long-Term Ecological Research program in the grasslands of northeastern Kansas.

Sonia Kreidenweis, B.S. (Manhattan College - Riverdale, NY), M.S., Ph.D. (California Institute of Technology) Department of Atmospheric Science

Dr. Kreidenweis and her research group have developed new scientific approaches to carefully measure and describe the properties and effects of atmospheric aerosol particles, including their impacts on visibility and climate and their influence on the formation and properties of both warm (liquid) and cold (ice) clouds.

Kreidenweis

Leach

Jan E. Leach B.S., M.S. (University of Nebraska), Ph.D. (University of Wisconsin)
Department of Bioagricultural Sciences and Pest Management

Dr. Jan Leach studies how plants respond to diverse disease-causing microbes, including bacteria and fungi She and an international team of scholars then use this fundamental information to develop plants, particularly rice, with long-lasting disease resistance to multiple pathogens.

Carmen Menoni, B.S. (University of Rosario), Ph.D. (Colorado State University)
Department of Electrical and Computer Engineering

Dr. Menoni's has established strong research programs in semiconductor physics, optical materials science, and engineering and nanoscale imaging and has led the use of bright beams of extreme ultraviolet laser light that are used to demonstrate novel, nanoscale table-top microscopies.

Menoni

Paustian

Keith Paustian, B.Sc., M.Sc. (Colorado State University), Ph.D. (Swedish University of Agricultural Sciences)
Department of Soil and Crop Sciences

Dr. Paustian is internationally renowned as a carbon sequestration, global climate change expert. His work has substantially contributed to better understanding a fundamental ecosystem attribute - the dynamics of organic matter in soils. He has helped establish CSU as a global leader in inventory and assessment technology of greenhouse gas emissions from land use activities.

LeRoy Poff, B.A. (Hendrix College), M.S. (Indiana University, Bloomington, Ph.D. (Colorado State University)
Department of Biology

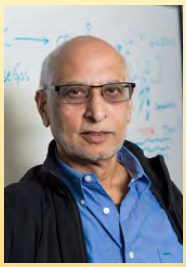
Dr. Poff is an accomplished scientist and is well regarded both nationally and internationally for his work as an aquatic biologist. He is among the best known freshwater ecologists in the world, a recognized global leader in translating ecological science into water policy.

Poff

David A. Randall, B.S., M.S. (The Ohio State University), Ph.D. (University of California – Los Angeles) Department of Atmospheric Science

Dr. David Randall works on simulation of the global climate, with an emphasis on clouds and precipitation. He created and directs the Center for Multiscale Modeling of Atmospheric Processes, a National Science Foundation Science and Technology Center. He has strong interests in science education and scientific publishing.

Randall



Ravishankara

A.R. Ravishankara, B.Sc., M.Sc. (University of Mysore, India), Ph.D. (University of Florida) Departments of Chemistry and Atmospheric Science

Ravi has held research positions in both government and universities. He has studied the chemistry of Earth's atmosphere as it relates to stratospheric ozone, climate change, and regional air quality. His research has contributed to deciphering ozone layer depletion, and quantifying the role of chemically active species that affect climate. His research has advanced the understanding of the formation, removal, and properties of pollutants in the atmosphere.

Jorge J. Rocca, B.S. (Universidad de Rosario, Argentina), Ph.D. (Colorado State University) Department of Electrical and Computer Engineering and Department of Physics

Dr. Rocca's research concerns physics and development of x-ray lasers, application of coherent short wavelength light, and study of dense plasmas. He is internationally recognized for his contributions to development of compact soft x-ray lasers and their application to scientific and technological problems. He serves as Director of the NSF Engineering Research Center for Extreme Ultraviolet Science and Technology, a consortium between CSU, the University of Colorado, and the University of California Berkeley

Rocca

VandeWoude

Susan VandeWoude, B.A. (California Institue of Technology), DVM (Virginia Maryland Regional College of Veterinary Medicine) Department of Microbiology, Immunology, and Pathology

Dr. VandeWoude investigates host and viral responses to species-adapted and cross-species viral transmissions, focusing on the feline analogue of HIV, Feline Immunodeficiency Virus.

Diana Wall, B.A., Ph.D. (University of Kentucky) Department of Biology, Natural Resource Ecology Laboratory, School of Global Environmental Sustainability

Dr. Wall is actively engaged in research to explore how soil biodiversity contributes to healthy, productive soils and thus to society, and the consequences of human activities on soil sustainability. Her research examining soil biodiversity and ecosystem processes stretches globally from the tropics to the Antarctic Dry Valleys where she has worked for the past 20 years.

Wall

Wohl

Ellen E. Wohl, B.S. (Arizona State University), Ph.D. (University of Arizona Department of Geosciences

Dr. Wohl specializes in fluvial science and geomorphology. Her contributions include interactions between river profiles and tectonism, the influences of woody debris on river flow and geomorphology, historic benchmarking of flooding in rivers, debris flows, carbon cycling, biogeochemistry, ecological river restoration, and the historic role of beavers in post-glacial floodplain development.

University Distinguished Professors

Emeritus/Emerita

Dr. Barry Beaty, Department of Microbiology, Immunology, and Pathology
Dr. Patrick Brennan, Department of Microbiology, Immunology, and Pathology
Dr. Jack Cermak, Department of Civil Engineering (deceased)
Dr. Mortimer Elkind, Department of Environmental and Radiolgocial Health Sciences (deceased)
Dr. Donald Estep, Department of Statistics
Dr. Howard Evans, Department of Zoology and Engomology (deceased)
Dr. Ann Fisher, Department of Occupational Therapy
Dr. Marshall Fixman, Department of Chemistry (deceased)
Dr. Louis Hegedus, Department of Chemistry
Dr. Ed Hoover, Department of Microbiology, Immunology, and Pathology
Dr. Willard Lindsay, Department of Soil and Crop Sciences (deceased)
Dr. Karolin Luger, Department of Biochemistry and Molecular Biology
Dr. C. Wayne McIlwraith, Department of Clinical Sciences
Dr. Albert Meyers, Department of Chemistry (deceased)
Dr. Gordon Niswender, Department of Biomedical Sciences (deceased)
Dr. Ian Orme, Department of Microbiology, Immunology, and Pathology (deceased)
Dr. Philip Risbeck, Department of Art and Art History
Dr. Bernard Rollin, Departments of Philosophy, Animal Sciences, Biomedical Science
Dr. Holmes Rolston III, Department of Philosophy
Dr. Stanley Schumm, Department of Earth Resources (deceased)
Dr. George Seidel, Jr., Department of Biomedical Sciences
Dr. Gary Smith, Department of Animal Sciences
Dr. John Sofos, Department of Animal Sciences
Dr. Graeme Stephens, Department of Atmospheric Science
Dr. John Stille, Department of Chemistry (deceased)
Dr. Takumi Tasuchiya, Department of Agronomy (deceased)
Dr. Thomas Vonder Haar, Department of Atmospheric Science
Dr. John Wiens, Department of Biology
Dr. Robert Williams, Department of Chemistry (deceased)
Dr. Stephen Withrow, Department of Clinical Sciences