

new faculty 2010

NORTH DAKOTA STATE UNIVERSITY



Dear Colleague,

WELCOME TO NORTH DAKOTA STATE UNIVERSITY,
a student-focused, land-grant and leading national research institution. You are joining NDSU at an exciting time of achievement, increased visibility and national attention.

In the fall of 2010, overall student enrollment for the 11th year in a row reached a new record, at more than 14,400 total students of which more than 2,000 are graduate students. A record 1,307 international students represent 9.07 percent of the overall student population.

With more than \$114 million in annual research expenditures, NDSU has joined the ranks of the National Science Foundation's top 100 research universities (39th of those without a medical school). Aside from basic research, our highly successful Research and Technology Park is full and continues to expand both in size and productivity as we apply our research to the creation of new technologies, businesses and jobs.

We have continued to experience a steady growth of campus facilities in recent years, including new research buildings and substantial renovations and additions to campus and student facilities. In downtown Fargo, a provocative partnering of the university with the local community led to the renovation and expansion of several pre-existing facilities to provide exciting new homes for the College of Business and the Department of Agribusiness and Applied Economics in Barry Hall, the College of Architecture and Landscape Architecture in Klai Hall, and a variety of architecture and visual arts programs in Renaissance Hall. The university's presence in downtown has brought exciting levels of activity and vibrancy to the area around campus and has drawn media attention to downtown Fargo-Moorhead as one of the top college towns in the nation.

Work also continues on the new NDSU Greenhouse Complex. The facility will be the only one of its size and scope in the nation and one of the few such research facilities in the world. It will allow unprecedented capacities for plant science and plant pathogen research with global implications.

The university remains deeply committed to its land-grant tradition and actively promotes outreach through the NDSU Research and Extension Services. Research and educational programs through those branches involve agriculture, human development, nutrition and both youth and community development programs. Those programs recorded more than 590,103 contacts with constituents throughout North Dakota during the past year, more than 23,455 were with young people.

We take great pride in our campus culture relative to our national peers in terms of successfully balancing our focus on students, land-grant tradition and steadily increasing research productivity. That balance reflects our commitment to serving North Dakota, the nation and the world through the collective impact of our work. Thank you for joining our university family and making NDSU even stronger.

Sincerely,
President Dean L. Bresciani



MARICELIS ACEVEDO

Assistant Professor in the Department of Plant Pathology

Acevedo earned her B.S. in 2000 and M.S. in 2003, both from the University of Puerto Rico – Mayaguez. She earned her Ph.D. in 2007 from the University of Nebraska – Lincoln.



JULIA H. BOWSHER

Assistant Professor in the Department of Biological Sciences

Bowsher earned her B.S. in 1999 from Yale University; M.Sc. in 2000 from the University of Canterbury in New Zealand; and Ph.D. in 2007 from Duke University.



ROBERT BRUEGGEMAN

Assistant Professor in the Department of Plant Pathology

Brueggeman earned his Ph.D. from Washington State University in 2009. His research specialty is the genetics and molecular biology of cereal disease resistance. His basic research focus is the molecular mechanisms underlying R-gene mediated disease resistance in barley. His applied research focus is the genetics of resistance against wheat stem rust and Fusarium head blight of barley. Brueggeman will teach Host-Parasite Genetics in spring semester 2012.



IGATHINATHANE CANNAYEN

Assistant Professor in the Department of Agricultural and Biosystems Engineering

Cannayen earned his B.E. (ag) in 1989 from Tamil Nadu Agricultural University in Coimbatore, India. He earned his M. Tech. in 1991 and Ph.D. in 1997, both from the Indian Institute of Technology in Kharagpur, India. He is a member of the American Society of Agricultural and Biological Engineers, Indian Society of Agricultural Engineers, Southern Regional USDA-CREES Project-S1041 and several other organizations. He was the recipient of the 2008 Research Support Award from Mississippi State University, IIT Research Fellowship in Ph.D., GATE National Scholarship in master's, and Pondicherry State Merit Scholarship in bachelor's degree. Cannayen has peer-reviewed more than 37 journal articles, presented at 46 technical meetings and written one textbook, two manuals and four abstracts.



SATISH CHANDRAN

Professor in the Department of Pharmaceutical Sciences and Director of the Center for Biopharmaceutical Research and Development

Chandran earned his B.S. in 1976 from the University of Bombay, M.S. in 1978 from the University of Baroda in India and Ph.D. in 1985 from Memorial University of Newfoundland in Canada. He was formerly the chief technology officer of the Biotherapeutics Division at Pfizer, Inc. and chief scientific officer and chief operations officer for Nucleonics, Inc.



CHRISTOPHER L. COLBERT

Assistant Professor in the Department of Chemistry and Biochemistry

Colbert earned his B.S. in 1993 from The Pennsylvania State University, and his Ph.D. in 2000 from Purdue University. He is a member of the American Crystallographic Association. Colbert was a Howard Hughes Medical Institute postdoctoral research associate, NIH Biophysics Training Grant Awardee and American Crystallographic Association Travel Grant Awardee.



ANDREW CROLL

Assistant Professor in the Department of Physics

Croll earned his B.Sc. in 2001 from the University of Waterloo and his Ph.D. in 2009 from McMaster University.



CARL R. DAHLEN

Assistant Professor in the Department of Animal Sciences and Beef Cattle Specialist

Dahlen earned his A.A. in 1997 from Northland Community and Technical College, a B.S. in 1999, M.S. in 2002 and Ph.D. in 2009, all from the University of Minnesota.



NANCY J. EMERSON

Lecturer in the Department of Accounting, Finance, and Information Systems

Emerson earned her B.A. in 1990 from St. Catherine University, M.A.S. in 1991 from Northern Illinois University, and M.Div in 2000 from Princeton Theological Seminary.



ELIZABETH ERICHSEN

Assistant Professor in the School of Education

Erichsen earned her B.A. in 2000, M.A. in 2003 and Ph.D. in 2009, all from the University of Wyoming. She is the recipient of the American Association for Adult and Continuing Education and Mountain Plains Adult Education Association Conference awards.



GREGORY GASS

Professor and Department Head in the Department of Health, Nutrition, and Exercise Sciences

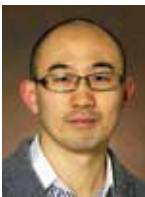
Gass earned his teaching diploma in 1968 from Auckland Teachers College in New Zealand, and M.Sc. in 1971 and Ph.D. in 1974, both from the University of Illinois.



DAVID N. HERDA

Assistant Professor in the Department of Accounting, Finance, and Information Systems

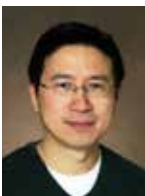
Herda earned his B.B.A. in 2000, M.S.A. in 2000 and Ph.D. in 2010, all from the University of Texas at Arlington.



SEUNG WON HYUN

Assistant Professor in the Department of Statistics

Hyun earned his B.A. in 2003 from Kangwon National University in Korea and Ph.D. in 2010 from the University of Missouri – Columbia.



LONG JIANG

Assistant Professor in the Department of Mechanical Engineering

Jiang earned his B.S. in 1993 from Nanyang Technological University, and his M.S. in 1996 and Ph.D. in 2003, both from Sichuan University.



SVETLANA KILINA

Assistant Professor in the Department of Chemistry and Biochemistry

Kilina earned her B.S. in 1994 and M.S. in 1996, both from Belarussian State University in Minsk, Belarus, and Ph.D. in 2007 from the University of Washington in Seattle. She has conducted research on computational modeling of processes taking place on organic-inorganic interfaces in hybrid, functionalized nanomaterial. She has published 25 papers, been invited to give 17 talks at national scientific conventions and at leading universities, and has published a book chapter on the subject of nanotechnology. She is the recipient of five awards in the last two years, including the Director's Postdoctoral Fellowship at Los Alamos National Laboratory. Kilina also organized the conference on bio-functionalized nanomaterials at Santa Fe, N.M, in April 2010, which was attended by more than 30 scientists.



HARDY KOENIG

Assistant Professor of Theatre in the Division of Fine Arts

He earned his B.A. in 1990 from the University of Texas at Austin and M.F.A. in 1993 from the University of North Carolina – Greensboro.



JENNIFER MOMSEN

Assistant Professor in the Department of Biological Sciences

Momsen earned her B.S. in 1998 from Rutgers, the State University of New Jersey and her Ph.D. in 2007 from the University of Minnesota.



LARRY NAPOLEON

Assistant Professor in the School of Education/Distance and Continuing Education

Napoleon earned his B.A. in history from Dillard University, New Orleans, in 1998; Teaching Certification from Xavier University, New Orleans, in 2002; M.A. in education from Xavier University, New Orleans in 2003, and Ph.D. from The Pennsylvania State University in University Park, Penn., in 2009. His areas of expertise include curriculum and instruction and special education. His primary interests and research focus are curriculum and instruction; teacher preparation; special education; workforce education; professional development; U.S. and African American history and marginalized learners.



STEVEN NELSON

Lecturer in the College of Business Center for Global Initiatives

Nelson earned a B.S.B. in 1999 from the University of Minnesota – Carlson School of Management and an M.B.A. in 2005 from Columbia University – Columbia Business School. He is a certified public accountant and chartered financial analyst.



LINDSAY REITEN

Lecturer in the Department of Mathematics

Reiten earned her B.A. in 2003 from Luther College and M.S.E. in 2008 from the University of Wisconsin – River Falls.



DAVID NEWMAN

Assistant Professor in the Department of Animal Sciences

Newman earned his B.S. in 2005 from the University of Missouri – Columbia and Ph.D. in 2009 from North Dakota State University. He is the recipient of several recent awards, including the Myron and Muriel Johnsrud Excellence in Extension/Outreach Award, the Program Excellence Award from the NDSU Extension Service and was named a distinguished graduate student by the NDSU chapter of Gamma Sigma Delta.



FLORIN DANIEL SALAJAN

Assistant Professor in the School of Education

Salajan earned his B.A. equivalent in 1994 from the National University of Physical Education and Sports in Bucharest, Romania. He earned his B.Sc. in 1998 and M.Ed. in 2000 from Georgia College and State University in Milledgeville. Salajan earned an Ed.M. in 2002 and Ed.D. in 2007, both from the Teachers College at Columbia University in New York. His professional accomplishments include publications in numerous academic journals, presentations on education technology at international conferences, serving as program chair for the International Conference on E-Learning in 2009 and acting as a reviewer for Computers & Education.



CHRIS M. RAY

Assistant Professor, Education Doctoral Programs, in the School of Education

Ray earned his B.S. in psychology in 2002 from the University of Missouri – Rolla, M.S. in counseling and student personnel in 2003 from Oklahoma State University, and Ph.D. in educational psychology in 2007 from Oklahoma State University.



MOLLY SECOR-TURNER

Assistant Professor in the Department of Nursing

Secor-Turner earned her B.S.N. in 1999, M.S. in 2004 and Ph.D. in 2008, all from the University of Minnesota. She received the 2008-2010 Adolescent Health Protection Research Training Postdoctoral Fellowship from the University of Minnesota. Secor-Turner also received the 2007-2008 National Research Science Award Individual Predoctoral Fellowship from the University of Minnesota.



ROY REID REDDEN

Assistant Professor and Sheep Extension Specialist in the Department of Animal Sciences

Redden earned his B.S. in 2004 from Texas A&M University, M.S. in 2006 from New Mexico State University and Ph.D. in 2009 from Montana State University.



GANG SHEN

Assistant professor in the Department of Statistics

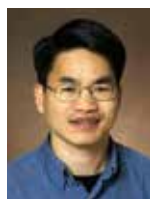
Shen earned an M.S. in 2004 from Worcester Polytechnic Institute, and an M.S. in 2008 and Ph.D. in 2010, both from Purdue University. He has been published in numerous journals.



STEFAN W. VETTER

Assistant Professor in the Department of Pharmaceutical Sciences

Vetter earned his M.S. in 1994 from Technische Universitat Braunschweig in Germany and his Ph.D. in 1998 from ETH Zurich in Switzerland. He received fellowships and financial support from Minerva Stiftung, Fineberg Graduate School, Martin Foundation, Federation of European Biochemical Societies, Swiss National Science Foundation, Society of Biological Inorganic Chemistry, European Calcium Society and the American Cancer Society. He has published 18 papers in peer-reviewed journals and served as grant reviewer for Israel Science Foundation, Petroleum Research Fund. He also has been a reviewer for several scientific journals and publishers of biochemistry textbooks. Vetter is a member of the American Chemical Society, American Society for Biochemistry and Molecular Biology, European Calcium Society, American Association of Pharmaceutical Scientists and the Society for Bimolecular Sciences.

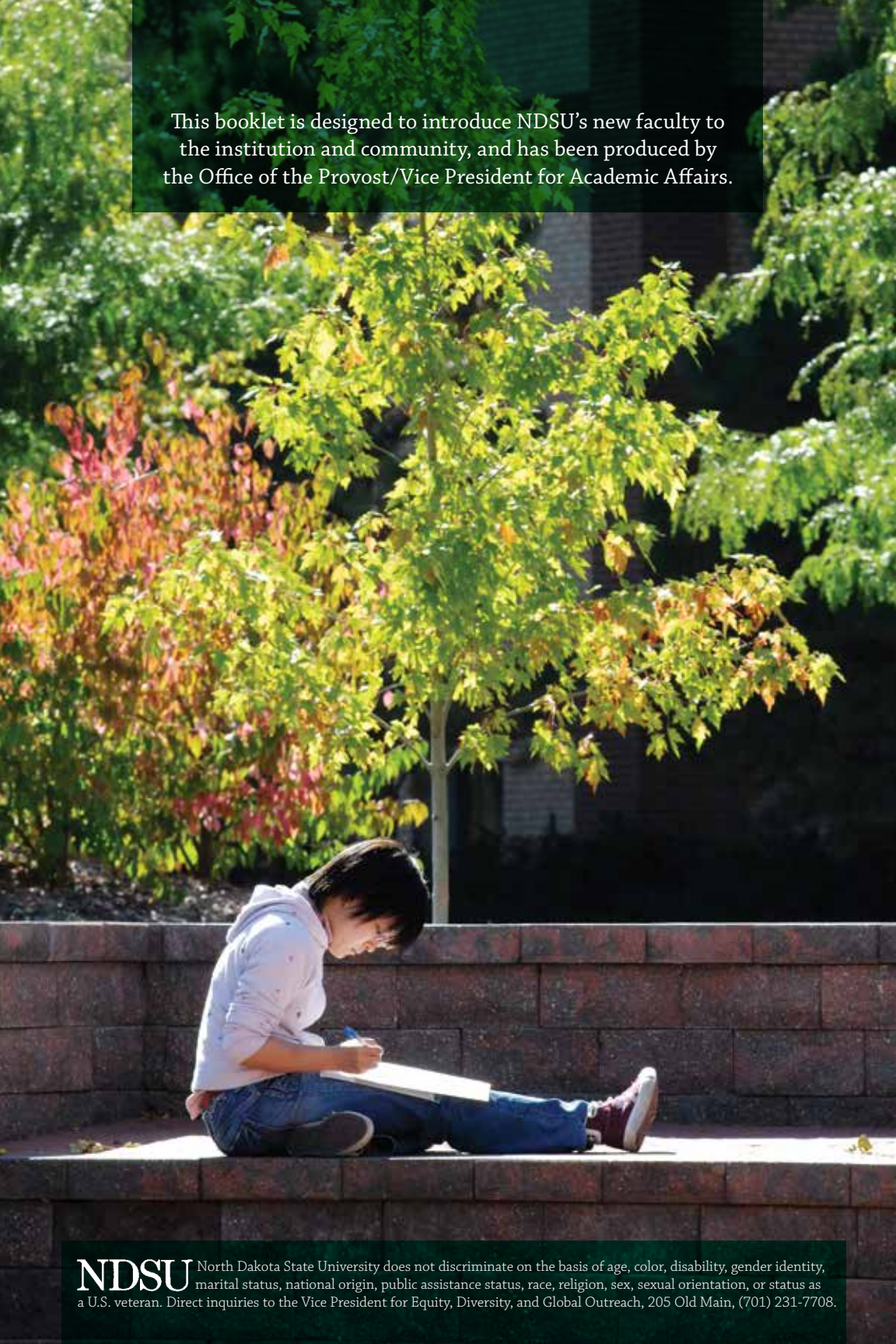


CHANGHUI YAN

Assistant Professor in the Department of Computer Science

Yan earned his B.S. in 1997 and M.S. in 2000, both from Peking University in Beijing, China. He earned his Ph.D. in 2005 from Iowa State University in Ames.



A young woman with dark hair, wearing a light-colored hoodie and blue jeans, is sitting on a brick ledge. She is leaning forward, writing in a notebook with a blue pen. The background features a large tree with vibrant autumn foliage in shades of yellow, orange, and red. The scene is brightly lit, suggesting a sunny day.

This booklet is designed to introduce NDSU's new faculty to the institution and community, and has been produced by the Office of the Provost/Vice President for Academic Affairs.