

NSSL's Contribution to a New Generation of Scientists and Engineers (since 2000)

NSSL/CIMMS Affiliate/Adjunct Professors of Meteorology at the University of Oklahoma unless otherwise noted

Brooks, Harold – Affiliate Professor

Brown, Rodger – Adjunct Professor

Burgess, Donald - Adjunct Professor

Doviak, Richard – Affiliate Professor, also Electrical and Computer Engineering

Elmore, Kimberly – Adjunct Associate Professor

Heinselman, Pamela – Adjunct Assistant Professor

Jorgensen, David – Affiliate Professor

Kain, John – Affiliate Associate Professor

Kimpel, James – Emeritus Professor

Lakshmanan, Valliappa – Adjunct Associate Professor, also Computer Science

Lewis, John – Adjunct Professor, University of Nevada-Reno

MacGorman, Donald – Affiliate Professor, also Physics and Astronomy

Rust, David – Affiliate Professor, also Physics and Astronomy

Ryzhkov, Alexander – Adjunct Professor, also Electrical and Computer Engineering

Schuur, Terry – Adjunct Associate Professor

Stensrud, David – Affiliate Professor

Torres, Sebastian – Adjunct Associate Professor Electrical and Computer Engineering

Wicker, Louis – Affiliate Professor

Xu, Qin – Affiliate Professor, also at Lanzhou and Beijing Universities

Zrnić, Dusan – Affiliate Professor, also Electrical and Computer Engineering; Honorary Professorship, Changdu Institute of Meteorology, Peoples Republic of China (appointed 1999-present)

Graduate Student Advising/Support

- Chaired or served as a member of Master of Science or Engineering graduate student committee: 85
- Co-chaired or served as a member of a PhD graduate student committee: 85
- Fields of study: Meteorology, Electrical Engineering, Physics, Civil Engineering, Computer Science, Geography

- Universities awarding the above degrees: University of Oklahoma, Colorado State University, North Carolina State University, Texas A&M University, Florida State University, University of Nevada - Reno, Hamburg University - Germany
- NSSL typically supports the graduate research assistantships of 20-25 students per year.

Undergraduate Student Mentoring

- National Science Foundation Research Experience for Undergraduates: 43
- NOAA Hollings Scholars: 20
- Others (EPSCoR, NCAR SOARS, etc.): 6

Textbooks (since 1993)

Brooks, H., 2010: Forecast Evaluation in Meteorology. (in preparation)

Stensrud, D. J., 2007: Parameterization Schemes: Keys to Understanding Numerical Weather Prediction Models. Cambridge University Press, 459 pp.

Lewis, J. M., S. Lakshmivarahan, S. Dhall, 2006: Dynamic Data Assimilation: A Least Squares Approach. Cambridge University Press, 654 pp

Doswell, Charles, 2001: Severe Convective Storms – An overview (AMS Meteor. Monograph), Amer. Meteor. Soc.

MacGorman, D. R., W. D. Rust, 1998: The Electrical Nature of Storms. Oxford University Press, 322 pp.

Doviak, R. J., D. S. Zrnić, 1993: Doppler Radar and Weather Observations: 2nd Addition. Academic Press, 562 pp.

Church, C., **D. Burgess, B. Davies-Jones, C. Doswell**, 1993: The Tornado: Its Structure, Dynamics, Prediction, and Hazards. American Geophysical Union, 637 pp.