

John Michael Pratte

Dean

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Current Position

Position Title: Dean

Current Academic Rank: Full Professor

Rank Since: Summer 2006

Degrees

- Ph D Physics: , University of Colorado, Boulder 1990
Dissertation: Fluid Flow Over Topography in a Periodically-Forced Basin
- BS Physics: , University of Texas, Austin 1985

Scholarly Contributions and Creative Productions

Journal Publications

- Stillion, B.D., Pratte, J.M., & Romero, A. (2010). Engagement at the Theater: Science in the Cinema. *Science Education & Civic Engagement: An International Journal*, 2(2), 41-44.
- Pratte, J.M. (2007). The Absence of Class Time Effect On Science and Civic Engagement. *Science Education & Civic Engagement: An International Journal*, 1(2), 37-41.
- Pratte, J.M. (2006). Engaging Physics Students Using Environmental Lab Modules. *The Physics Teacher*, 44(5), 301-303.
- Pratte, J.M., & Laposata, M.M. (2005). The ESA21 Project: A Model for Civic Engagement. *Journal for College Science Teaching*, XXXV(3), 39-43.
- Laposata, M.M., & Pratte, J.M. (2005). The ESA21 Project: Environmental science activities for the 21st century. *Proceedings of the 26th Workshop/Conference of the Association for Biology Laboratory Education (ABLE)*, 26, 402-405.
- Pratte, J.M., & Hart, J.E. (1991). Experiments on Periodically Forced Flow Over Topography in a Rotating Fluid. *Journal of Fluid Mechanics*, 229, 87-114.

Hart, J.E., & Pratte, J.M. (1990). A Laboratory Study of Oscillations in Differentially Heated Layers of Mercury. *Notes on Numerical Fluid Mechanics*(27),.

Pratte, J.M., & Hart, J.E. (1990). Endwall driven, Low Prandtl Number Convection in a Shallow Rectangular Cavity. *Journal of Crystal Growth*, 102, 54-68.

Presentations

Pratte, J.M., & Krumpke, K. (2013). Learning to Breathe in the Helmet: Moving from Faculty to Administrator. SENCER Summer Institute 2013.

Pratte, J.M. (2012). The Role of Arts and Sciences. Invited Seminar.

Kennon, J.T., Ali, H., & Pratte, J.M. (2011). Atmospheric Dynamics: Students at the Edge of Space. SENCER Summer Institute 2011.

Pratte, J.M., & Romero, A. (2009). Engagement at the Theatre: Science in the Cinema. SENCER Center for Innovation - South Conference.

Pratte, J.M. (2009). Meeting the Challenges to Academic Excellence in Higher Education. University Seminar.

Kennon, J.T., & Pratte, J.M. (2009). Students on the Edge of Space, Year II. SENCER SSI 2009.

Pratte, J.M., & Kennon, J.T. (2008). Atmospheric Dynamics. SENCER Washington Symposium.

Pratte, J.M. (2008). Leading, Teaching, and Scholarship Implications for Academic Excellence in Private Higher Education. University Seminar.

Kennon, J.T., & Pratte, J.M. (2008). Students on the Edge of Space. SENCER Summer Institute 2008.

Pratte, J.M. (2007). The Effects of Online Classes on Engagement. SENCER Summer Institute 2007.

Pratte, J.M. (2006). Project IBEAM: Integrative Biology Experimental Activity Modules. 2006 Winter Meeting.

Pratte, J.M., & Laposata, M.M. (2005). ESA21 Activities in a Science Classroom. SENCER Summer Institute 2005.

Pratte, J.M., & Laposata, M.M. (2004). ESA21: Environmental Science Activities for the 21st Century. NSTA National Meeting.

Pratte, J.M. (2004). Using ESA21 Activities in an Environmental Science Classroom. SENCER Summer Institute 2004.

Laposata, M.M., & Pratte, J.M. (2003). ESA21: Environmental Science Activities for the 21st Century. Georgia Academy of Science Annual Meeting.

Laposata, M.M., & Pratte, J.M. (2003). The ESA21 Project. SENCER Regional Meeting.

Proceedings Publications

Pratte, J.M., Laposata, M., Fox, C., Rhinehart, K., & Waggoneer, C. (2006). Environmental Science Activities for the 21st Century. *Tested Studies for Laboratory Teaching*, 26,

Grants

Pratte, John (PI), Ali, Hashim (Co-PI), McKay, Tanja (Co-PI), Warby, Richard (Co-PI), Marsico, Travis (Co-PI) The Experiential Learning Fellowship (ELF) Program, *NSF* (August 1, 2011 - July 31, 2016) , \$567185.00 Summer 2011

Pratte, John (PI), Bouldin, Jennifer (Co-PI), Risch, Tom (Co-PI) Research Internships in Science of the Environment (RISE), *NSF* (March 15, 2006 - March 14, 2011) , \$479985.00 Spring 2011

Pratte, John (PI), Kennon, James (Co-PI), Green, V (Co-PI), Bouldin, Jennifer (Co-PI), Gilbert, Erik (Co-PI) SENCER Implementation Grant, *SENCER* (November 11, 2008 - November 30, 2010) , \$3000.00 Fall 2008

Pratte, John (PI), Laposata, Matthew (Co-PI) ESA21: The Next Generation, *NCLB Improving Teacher Quality Grant* (June 1, 2005 - August 31, 2006) , \$32165.00 Summer 2006

Pratte, John (PI), Laposata, Matthew (Co-PI), Rhinehart, Ken (Co-PI), Waggoneer, Charlene (Co-PI), Fox, Chris (Co-PI) Environmental Science Activities for the 21st Century, *NSF CCLI* (May 1, 2003 - April 30, 2007) Awarded: November 27, 2002, \$322245.00 Spring 2006

Pratte, John (PI) Integrating Biology Experimental Activity Modules with Introductory Physics, *NSF CCLI* (May 1, 2006 - April 30, 2008) , \$84810.00 Spring 2006

Pratte, John (PI) KSU Year of France Grant, *Kennesaw State University* (May 16, 2004, \$500.00 Summer 2004

Pratte, John (PI), Laposata, Matthew (Co-PI), Schiffer, Gail (Co-PI), Koether, Marina (Co-PI) General Education Environmental Science: An Interdisciplinary Laboratory Program for the 21st Century, *NSF CCLI* (May 1, 2001 - August 31, 2002) , \$74985.00 Summer 2003

Pratte, John (PI) Maymester Grant, *Kennesaw State University Maymester Grants* (January 1, 2002, \$1695.00 Summer 2003

Pratte, John (PI) General Education Physical Science, *Kennesaw State University Master Teaching Grant* (August 16, 2000, \$5000.00 Fall 2000

Pratte, John (PI) Environmental Scholars Program, *Georgia Power* (May 16, 1999, \$5000.00 Summer 1999

Hughes, Kenneth (PI), Pratte, John (Co-PI) Nothing Happens Without Water Workshop, *Eisenhower Foundation* (May 16, 1999, \$32000.00 Summer 1999

Hughes, Kenneth (PI), Pratte, John (Co-PI) The Interactive Fishtank, *Eisenhower Foundation* (May 16, 1998 - May 15, 1999) , \$29000.00 Summer 1998

Pratte, John (PI) Connecting Teachers and Technology, *University System of Georgia* (May 16, 1996, \$20000.00 Summer 1996

Pratte, John (PI) Physics of Everyday Life, *Eisenhower Foundation* (May 16, 1996, \$8685.00 Summer 1996

Institutional Committees

University

Academic Budget Committee (University) Fall 2007 - Fall 2010

University Planning Committee (University) Fall 2007 - Fall 2010

Learning Outcomes Assessment Committee (University) Spring 2011 - Fall 2012
College Assessment Committee (University) Fall 2011 - Fall 2012
Faculty Senate (University) Spring 2012 - Present
Academic Budget Committee (University) Fall 2012 - Present

Other Institutional Service

(Committee Member) Cost Containment Task Force (University) Fall 2011 - Present
(Committee Chair) Aspirational Peer Task Force (University) Fall 2011 - Spring 2012
(Committee Member) F&A Rate Negotiation Committee (University) Fall 2011 - Spring 2012
(Committee Member) Arkansas Space Grant Consortium (University) Fall 2008 - Spring 2011
(Committee Member) Technology Fee Committee (University) Fall 2008 - Fall 2010
(Committee Member) Assessment Academy Task Force (University) Spring 2007 - Summer 2011

Professional Service

Committee Member, SENCER Center of Innovation - South Leadership Council
Fall 2007 - Present

Honors and Awards

SENCER Leadership Fellow, SENCER 2008
Dean's Distinguished Leadership Award, College of Science and Mathematics 2007
Distinguished Scholar Award, KSU College of Science and Mathematics 2005

Teaching

Fall 2006 Courses:

PHYS 2064 1 - GENERAL PHYSICS II
PHYS 2133 1 - SURVEY OF PHYSICS FOR HP

Spring 2007 Courses:

PHSC 1201 7 - PHYSICAL SCIENCE LAB
PHSC 1203 7 - PHYSICAL SCIENCE

Summer 2007 Courses:

PHSC 1201 1 - PHYSICAL SCIENCE LAB

PHYS 2133 1 - SURVEY OF PHYSICS FOR HP

Fall 2007 Courses:

PHSC 1014 1 - ENERGY AND THE ENVIRONMENT

PHYS 3282 1 - PHYSICAL INSTRUMENTATION II

Spring 2008 Courses:

PHSC 1014 1 - ENERGY AND THE ENVIRONMENT

PHSC 1014 3 - ENERGY AND THE ENVIRONMENT

Summer 2008 Courses:

PHSC 1014 1 - ENERGY AND THE ENVIRONMENT

PHSC 1201 2 - PHYSICAL SCIENCE LAB

PHYS 3133 1 - ASTRONOMY

Fall 2008 Courses:

CHEM 4941 1 - SCIENCE IN THE CINEMA

CHEM 4943 1 - SCIENCE IN THE CINEMA

PHSC 1003 1 - MAKING CONNECTIONS CHEM PHYSIC

PHSC 1014 1 - ENERGY AND THE ENVIRONMENT

PHSC 1014 2 - ENERGY AND THE ENVIRONMENT

PHSC 1014 3 - HNRS ENERGY AND ENVIRONMENT

PHSC 1203 6 - PHYSICAL SCIENCE

PHYS 3133 1 - ASTRONOMY

PHYS 3133 2 - ASTRONOMY

PHYS 4941 1 - SCIENCE IN THE CINEMA

Spring 2009 Courses:

CHEM 4393 1 - SPECIAL TOPICS

PHSC 1014 1 - ENERGY AND THE ENVIRONMENT

PHSC 1014 2 - ENERGY AND THE ENVIRONMENT

PHYS 3043 1 - ATMOSPHERIC DYNAMICS

Summer 2009 Courses:

CHEM 427V 9 - RESEARCH IN CHEMISTRY

CHEM 6343 1 - SP TOP CHEMISTRY LAB PEDAGOGY

CHEM 680V 3 - INDEPENDENT STUDY

CHEM 680V 8 - INDEPENDENT STUDY

PHSC 1014 1 - ENERGY AND THE ENVIRONMENT

PHSC 1014 2 - ENERGY AND THE ENVIRONMENT

PHYS 3133 1 - ASTRONOMY

Fall 2009 Courses:

BIO 504V 2 - SP TOPICS SCIENCE IN CINEMA
PHSC 1014 1 - ENERGY AND THE ENVIRONMENT
PHSC 1014 2 - ENERGY AND THE ENVIRONMENT
PHSC 1014 3 - ENERGY AND THE ENVIRONMENT
PHYS 1101 1 - INTRO TO SPACE SCIENCE LAB
PHYS 3133 1 - ASTRONOMY
PHYS 3133 2 - ASTRONOMY

Spring 2010 Courses:

PHSC 1014 1 - ENERGY AND THE ENVIRONMENT
PHSC 1014 2 - ENERGY AND THE ENVIRONMENT
PHSC 1014 3 - ENERGY AND THE ENVIRONMENT
PHSC 1014 4 - ENERGY AND THE ENVIRONMENT
PHYS 3133 1 - ASTRONOMY

Summer 2010 Courses:

PHSC 1014 1 - ENERGY AND THE ENVIRONMENT
PHSC 1014 2 - ENERGY AND THE ENVIRONMENT
PHSC 1014 3 - ENERGY AND THE ENVIRONMENT
PHSC 1201 3 - PHYSICAL SCIENCE LAB
PHYS 3133 1 - ASTRONOMY

Fall 2010 Courses:

PHSC 1014 1 - ENERGY AND THE ENVIRONMENT
PHSC 1014 2 - ENERGY AND THE ENVIRONMENT
PHSC 1014 3 - ENERGY AND THE ENVIRONMENT
PHYS 3133 1 - ASTRONOMY

Spring 2011 Courses:

PHSC 1014 1 - ENERGY AND THE ENVIRONMENT

Fall 2012 Courses:

PHSC 1014 001 - ENERGY AND THE ENVIRONMENT
SCI 3003 002 - SCIENCE IN THE CINEMA
SCI 3003 H01 - HNRS SCIENCE IN THE CINEMA