

Midland College Faculty Vitae

Name:

Thomas E. Ready

Names of all higher education institutions attended, with degrees earned:

University of Texas at El Paso - B.S. Chemistry

University of Massachusetts, Amherst - Ph.D. Chemistry

All previous teaching positions, including the names of the institutions, the position, and beginning and ending dates of employment:

Midland College, Assoc. Professor, Aug. 2006 - present

Significant professional publications related to the teaching position, with a full citation for each:

Publications:

"New Technologies for the Analysis of Marine Coatings"

Thomas E. Ready, Johnson Thomas, Seok-bong Choi, and Philip Boudjouk
ACS Symposium Series 2007, v.962, Chapter 6, p.69
(Edited by Peter Zarras)

"Combinatorial Materials Research Applied to the Development of New Surface Coatings I: A Multiwell Plate Screening Method for the HTS Bacterial Biofilm Retention on Surfaces"

Shane J. Stafslie, James A. Bahr, James M. Feser, James C. Weisz, B J Chisholm, Thomas E. Ready, Journal of Combinatorial Chemistry 2006, 8(2), p. 156 – 162.

'Facile, Effective Synthesis of Siloxane Based Polyamines.'

Thomas E. Ready, Bhanu S. Chauhan, and Philip Boudjouk
Macromol. Rapid Commun. 2001, 22, 654.

'A Catalytic Route to Grafted Silicones.'

Bhanu S. Chauhan, Thomas E. Ready, Zoha Al-Badri, and Philip Boudjouk
Organometallics 2001, 20, 2725.

'New Indenyl Titanium Catalysts for Syndiospecific Styrene Polymerizations.'

Thomas E. Ready, James C. W. Chien, Marvin D. Rausch
J. Organomet. Chem. 1999, 583, 11.

'Binuclear Monoindenyl-titanium(IV) Complexes. Synthesis and Styrene Polymerization Catalysis.'

Juan C. Flores, Thomas E. Ready, James C. W. Chien and Marvin D. Rausch
J. Organomet. Chem. 1998, 562, 11.

'Oxidation States of Active Species for Syndio-Specific Polymerization of Styrene'

Thomas E. Ready, Ronald Gurge, James C. W. Chien, Marvin D. Rausch
Organometallics 1998, 17, 5236.

'Alkyl-substituted Indenyl Titanium Precursors for Syndiospecific Ziegler-Natta Polymerization of Styrene.'

Thomas E. Ready, James C. W. Chien, Marvin D. Rausch
J. Organomet. Chem. 1996, 519, 21.

'New Syndiospecific Titanium Catalysts for the Polymerization of Styrene.'

Patrick Foster, Thomas E. Ready, James C. W. Chien, Marvin D. Rausch
Polym. Prepr. (Am. Chem. Soc., Div. Polym. Chem.) 1996, 37, 258.

'(h5-Indenyl)trichlorotitanium. An Improved Syndiotactic Polymerization Catalyst for Styrene.'

Thomas E. Ready, Roberta O. Day, James C. W. Chien, Marvin D. Rausch
Macromolecules 1993, 26, 5822.

"Spatial Parameters of Coatings & Substrates and Fouling Settlement & Release at Pearl Harbor, Hawaii (Array Calibration Experiment – Alpha Test)"

Thomas E. Ready, James Bahr, Bret Mayo, Jonathan Reimche, Mike Hadfield, Bryan Nedved, Eric Holm
Submitted to Biofouling 2006

Several other manuscripts to be submitted for publication in 2007.

Patent Activity:

"Anti-Fouling Materials"

Philip Boudjouk, Johnson Thomas, Seok-bong Choi, Thomas E. Ready
PCT Int. Patent WO 2005030405 (2005) (to North Dakota State University)

"Method of Preparing aminofunctional alkoxy polysiloxanes in the presence dehydrogenative coupling catalysts"

Philip Boudjouk, Thomas E. Ready, Bhanu P. S. Chauhan
U.S. Patent 2002156223 (2002) to North Dakota State University

"Antineoplastic polyalkoxyalkylsiloxanes, their preparation, and their use as antineoplastic agents"

Philip Boudjouk, Thomas E. Ready, Shane Stafslie, Bhanu P. S. Chauhan
PCT Int. Appl. (2002) WO 0260972 (to North Dakota State University)