

Lectures for Scientific Audiences

University of Texas in Dallas, September 21, 2018, The Science of Whiskey

UNTHS Symposium for the Institute for Cancer Research, Fort Worth TX, 2015, Using Nano to Fight Cancer: A Chemist's Approach to Expanding the Arsenal and Targeting the Therapy

Biodendrimers International Conference, Lugano Switz., 2014, Dendrimers of Viral Dimensions

International Dendrimer Symposium-8, Madrid, Spain, 2013, The synthesis of large dendrimers

DFW Local ACS Section, Dallas TX, 2011, Recent Advances in Dendrimers Based on Triazines

SWRM of the ACS, 2011, Recent Progress in Triazine Dendrimers

Texas Tech University, Lubbock TX, 2011, From Flecks in the Flask to Kilograms in the Clinic: Progress toward Macromolecular Chemotherapeutics

Prostate Cancer Working Group UT Southwestern MC, Dallas TX, 2011, Towards Competitive Nanomedicines

Prostate Cancer Working Group UT Southwestern MC, TX, 2011, Paclitaxel-polymer constructions for Chemotherapy

American Chemical Society, National Meeting, Boston, 2010, Dendrimers Based on Melamine

Texas Lutheran University, Seguin TX, 2010, From Bench toward Clinic: Medical Applications of Triazine Dendrimers

American Chemical Society, Regional Meeting, New Orleans, 2009, Progress in the synthesis and applications of triazine dendrimers

American Chemical Society, Regional Meeting, New Orleans, 2009, Supramolecular chemistry and molecular recognition in triazine dendrimers

Phillips University, Marburg, Germany, 2009, Dendrimers Based on Melamine

Southern Methodist University, Dallas TX, 2009, Dendrimers Based on Melamine

American Chemical Society, National Meeting, Salt Lake City UT, 2009, Dendrimers Based on Melamine

International Dendrimer Symposium, Stockholm, Sweden, 2009, Dendrimers Based on Melamine

Texas Christian University, Fort Worth, TX, 2009, Dendrimers Based on Melamine

Interphase and Interphases Materials Conf., San Luis Obispo, CA, 2008, Dendrimers Based on Melamine

7th Int. Symp. on Polymer Therapeutics, Valencia, Spain, 2008, Dendrimers Based on Melamine

Notre Dame University, South Bend IN, 2008, Dendrimers Based on Melamine

Frontier Scientific, Logan UT, 2008, Dendrimers Based on Melamine

Southern Methodist University, Dallas TX, 2008, Dendrimers Based on Melamine

University of Texas at Dallas, Dallas TX, 2008, Dendrimers Based on Melamine

UT Southwestern Medical Center, Dallas TX, 2008, Dendrimers Based on Melamine

International Polymer Therapeutics Symposium, Berlin Germany, 2007, Dendrimers Based on Melamine

MD Andersen Cancer Center, Houston TX, 2007, Dendrimers Based on Melamine

International Dendrimer Symposium 5, Toulouse France, 2007, Dendrimers Based on Melamine

University of St. Thomas, St. Paul MN, 2006, Dendrimers Based on Melamine

Trinity University, San Antonio TX, 2006, Dendrimers Based on Melamine

University of Texas-San Antonio, San Antonio TX, 2006, Dendrimers Based on Melamine

Tulane University, New Orleans LA, 2006, Dendrimers Based on Melamine

UT Southwestern Medical Center, Dallas TX, 2005, Dendrimers Based on Melamine

Henderson State, Arkadelphia AK, 2005, Dendrimers Based on Melamine

Ouichita Baptist College, Arkadelphia, AK, 2005, Dendrimers Based on Melamine

American Chemical Society National Meeting - San Diego, 2005, Dendrimers Based on Melamine

Vanderbilt University, Nashville TN, 2005, Dendrimers Based on Melamine

National Institutes of Health, Bethesda MD, 2005, Dendrimers Based on Melamine

Southern Illinois University, Carbondale IL, 2005, Dendrimers Based on Melamine

University of Texas-Dallas, Dallas TX, 2005, Dendrimers Based on Melamine

Colorado State, Fort Collins CO, 2004, Dendrimers Based on Melamine

University of Colorado, Boulder CO, 2004, Dendrimers Based on Melamine

University of Konstanz, Konstanz Germany, 2004, Dendrimers Based on Melamine

University of Dortmund, Dortmund Germany, 2004, Dendrimers Based on Melamine

University of Hamburg, Hamburg Germany, 2004, Dendrimers Based on Melamine

University of Berlin, Berlin Germany, 2004, Dendrimers Based on Melamine

University of Massachusetts, Amherst MA, 2004, Dendrimers Based on Melamine

University of Wisconsin, Madison WI, 2004, Dendrimers Based on Melamine

International Drug Delivery Symposium, Cardiff Wales, 2004, Dendrimers Based on Melamine

Gordon Research Conference - Drug Delivery, Boseman MT, 2004, Dendrimers Based on Melamine

American Chemical Society National Meeting, NY NY, 2003, Dendrimers Based on Melamine

Macalester College, Minneapolis MN, 2003, Dendrimers Based on Melamine

Carleton College, Northfield MN, 2003, Dendrimers Based on Melamine

American Chemical Society Regional Meeting, Oklahoma City OK, 2003, Dendrimers Based on Melamine

Duke University, Raleigh NC, 2003, Dendrimers Based on Melamine

North Carolina State University, Raleigh NC, 2003, Dendrimers Based on Melamine

University of North Carolina, Raleigh NC, 2003, Dendrimers Based on Melamine

Abbott Laboratories, Lake Forest IL, 2003, Dendrimers Based on Melamine

S. F. Austin State University, Nacogdoches TX, 2003, Dendrimers Based on Melamine

University of Chicago, Chicago IL, 2003, Dendrimers Based on Melamine

University of Maryland, College Park MD, 2003, Dendrimers Based on Melamine

Germany-US Polymer Conference, Bayreuth Germany, 2003, Dendrimers Based on Melamine

University of Minnesota, Minneapolis MN, 2003, Dendrimers Based on Melamine

James Madison University, Harrisonburgh VA, 2003, Dendrimers Based on Melamine

Virginia Military Institute, Lexington VA, 2003, Dendrimers Based on Melamine

Drug Delivery Symposium, Hawaii, 2003, Dendrimers Based on Melamine

American Chemical Society National Meeting, New York NY, Strategies for Remediation

Brown University, Providence RI, 2002, Dendrimers Based on Melamine

Smith College, Northampton MA, 2002, Dendrimers Based on Melamine

St. Olaf College, Northfield MN, 2002, Dendrimers Based on Melamine

Emory University, Atlanta GA, 2002, Dendrimers Based on Melamine

Georgia Institute of Technology, Atlanta GA, 2002, Dendrimers Based on Melamine

Tulane University, New Orleans LA, 2002, Dendrimers Based on Melamine

Indiana University, Bloomington IN, 2002, Dendrimers Based on Melamine

University of Akron, Akron OH, 2002, Dendrimers Based on Melamine

Lindsay Lecture – Texas A&M University, College Station TX, 2002, Dendrimers Based on Melamine

University of California San Diego, San Diego CA, 2002, Dendrimers Based on Melamine

Louisiana State University, Baton Rouge LA, 2002, Dendrimers Based on Melamine

University of Connecticut, Storrs CT, 2002, Dendrimers Based on Melamine

Michigan State University, East Lansing MI, 2002, Dendrimers Based on Melamine

University of Illinois – Chicago, Chicago IL, 2002, Dendrimers Based on Melamine

Northwestern University, Evanston IL, 2002, Dendrimers Based on Melamine

University of Michigan, Ann Arbor MI, 2002, Dendrimers Based on Melamine

Notre Dame University, South Bend IN, 2002, Dendrimers Based on Melamine

Purdue University, South Bend IN, 2002, Dendrimers Based on Melamine

Ohio State University, Columbus OH, 2002, Dendrimers Based on Melamine

University of Minnesota, Minneapolis MN, 2002, Dendrimers Based on Melamine

University of Texas – Austin, Austin TX, 2002, Dendrimers Based on Melamine

University of Wisconsin, Madison WI, 2002, Dendrimers Based on Melamine

San Diego State University, San Diego CA, 2002, Dendrimers Based on Melamine

Wayne State University, Detroit MI, 2002, Dendrimers Based on Melamine

The Scripps Research Institute, La Jolla CA, 2002, Dendrimers Based on Melamine

American Chemical Society National Meeting, San Diego CA, 2001, Dendrimers Based on Melamine

Sam Houston State University, Huntsville TX, 2001, Dendrimers Based on Melamine

American Chemical Society Regional Meeting, San Antonio TX, 2001, Dendrimers Based on Melamine

University of Houston, Houston TX, 2001, Dendrimers Based on Melamine

American Chemical Society National Meeting, Washington D.C., 2000, Dendrimers Based on Melamine

Texas Christian University, 2000, Dendrimers Based on Melamine

Polymers Gordon Research Conf. (Poster), 2000, Dendrimers Based on Melamine

University of Texas - San Antonio, San Antonio TX, 2000, Dendrimers Based on Melamine

Southern Methodist University, Dallas TX, 2000, Dendrimers Based on Melamine

Trinity University, San Antonio TX, 1999, Protein Glycosylation

Texas Lutheran University, Seguin TX, 1999, Protein Glycosylation

Lectures for the General Public

Copia (Culinary Institute of America), Napa CA, November 3, 2017, Shots of Knowledge: The Science of Whiskey

IdeaFestival, Louisville KY, November 3, 2017, Shots of Knowledge: The Science of Whiskey

Reata (restaurant), Fort Worth, TX, August 16, 2017, Shots of Knowledge: The Science of Whiskey

Read Between the Lines, Dallas TX, June 14, 2017, Shots of Knowledge: The Science of Whiskey

Elixir, San Francisco CA, May 26, 2017, Shots of Knowledge: The Science of Whiskey

Trinity Hall Pub, Dallas TX, May 20, 2017, Shots of Knowledge: The Science of Whiskey

TCU Leadership Series (x2), Fort Worth TX, April 28, 2017, Shots of Knowledge: The Science of Whiskey

Friends of the TCU Library, Fort Worth TX, April 4, 2017, Shots of Knowledge: The Science of Whiskey

PUBLIC Knowledge, FW Museum of Science & History at World of Beer, Fort Worth TX, March 7, 2017, Shots of Knowledge: The Science of Whiskey

Faculty Favorite Lecture Series, TCU, Fort Worth TX, February 21, 2017, Shots of Knowledge: The Science of Whiskey

Fort Worth Museum of Science & History, Fort Worth TX, December 2016, Shots of Knowledge: The Science of Whiskey

TCU Development, Fort Worth TX, 2011 Nanomedicines (x2)

Texas A&M Chem. Open House, CS TX, 2009, Big Fights in Little Medicines: Using Nano to Fight Cancer

First Year Program Lecture Series, TAMU, 2009, Big Fights in Little Medicines: Using Nano to Fight Cancer

Lectures on Education, Administration and Public Action

Endowed Chairs Banquet of TCU, Fort Worth TX, 2015, The Science of Water - A Poem

Endowed Chairs Banquet of TCU, Fort Worth TX, 2011, Nanomedicines

Retiree's Luncheon at TCU, Fort Worth TX, 2011, Dance of the Continents

South Dakota School of Mines and Technology, Rapid City SD, 2015, TCU IdeaFactory

A.C.S. Natl Mtg, Salt Lake City UT, 2009, Strategies for Sustainability in a General Chemistry Program

NSF CCLI Annual Mtg, Washington DC, 2008, Strategies for Sustainability in a General Chemistry Program

University of Texas at Dallas, 2008, Strategies for Sustainability in a General Chemistry Program

ACS National Meeting (CHED), 2007, Texas A&M and the FYP: Investment, Change, and Sustainability

NSF GK-12 Annual Meeting, DC, 2007, Organizational strategies for educational outreach programs

College Station Park District, College Station TX, 2007, Proposal for Wolf Pen Creek Science Park

Bryan Rotary Club, Bryan TX, 2007, Proposal for Wolf Pen Creek Science Park

College Station Rotary Club, College Station TX, 2006, Proposal for Wolf Pen Creek Science Park

Exec. Board of the Convention and Visitors Bureau, College Station TX, 2006 Proposal for Wolf Pen Creek Science Park

College Station City Council/Independent School District Joint Meeting, 2006, Proposal for Wolf Pen Creek Science Park

Wolf Pen Creek Oversight (TIF) Board, College Station TX, 2006, Proposal for Wolf Pen Creek Science Park

Poster Presentations – Science, Education and Outreach

Dendrimers of Viral Dimensions. International Polymer Conference, Riva Italy, May 2015.

Cost-effective, high volume strategy for teaching the atom to K-7 students” Zachary M. Abid, Nicholas A. Bigham, Kevin S. Chatley, Sandi B. Dang, Abby R. Moore, Katelyn E. Poole, Derek P. Royer, Eric E. Simanek. Regional Meeting of the American Chemical Society, New Orleans, December 1, 2010.

Synthesis of Hyperbranched Polymers. Zachary M. Abid, Nicholas A. Bigham, Kevin S. Chatley, Sandi B. Dang, Abby R. Moore, Katelyn E. Poole, Derek P. Royer, Eric E. Simanek. Regional Meeting of the American Chemical Society, New Orleans, December 1, 2010.

Food Chain Jenga: Using Models to Test Predictions. Biffi D, Hartweg B, Patterson M, Stewart M, de la Fuente Y, Simanek E, & Weinburg M. 2015. ASTE. Denton, Texas, USA.

Food Chain Jenga: Using Models to Test Predictions. Biffi D, Hartweg B, Patterson M, Stewart M, Simanek E, & Weinburg M. 2015. SSMA Annual Convention. Oklahoma City, Oklahoma, USA.