

RESUME

October 10, 2022

GEOFFREY L. PRICE, PHD, FAIChE

Professor Emeritus
Cain Department of Chemical Engineering
Louisiana State University
Baton Rouge, LA 70803

Professor Emeritus
Russell School of Chemical Engineering
University of Tulsa
800 South Tucker Drive
Tulsa, OK 74104

EMAIL: price@utulsa.edu

PROFESSIONAL INTERESTS:

Heterogeneous Catalysis
Zeolites
Biofuels

EDUCATION:

B.S., Chemical Engineering, Lamar University, 1975
Ph.D., Chemical Engineering, Rice University, 1979

EXPERIENCE:

2021 - current	Retired, Professor Emeritus at both TU and LSU
2014 - 2020	Wayne Banes Rumley Endowed Chair and Professor, University of Tulsa
2000 - 2014	Professor and Chair, Chemical Engineering, University of Tulsa
2000 - present	Professor Emeritus, Louisiana State University
1998 - 2000	Robert Hughes Harvey Endowed Professor, Louisiana State University
1992 - 1998	Professor, Chemical Engineering, Louisiana State University
1984 - 1992	Associate Professor, Chemical Engineering, Louisiana State University
1979 - 1984	Assistant Professor, Chemical Engineering, Louisiana State University

PROFESSIONAL SOCIETIES:

Fellow of the American Institute of Chemical Engineers
American Chemical Society

PROFESSIONAL REGISTRATION:

Former Registered Professional Engineer in the State of Texas - retired 2021

HONOR SOCIETIES:

Sigma Xi
Tau Beta Pi
Phi Kappa Phi
Omega Chi Epsilon
Phi Eta Sigma

PROFESSIONAL SERVICE:

Service at University of Tulsa 2000 - present

- Department Chair, 2000 - 2020
- Departmental Faculty Search Committee Chair, 2007 - 08, 2013 - 14, 2016 - 17.
- University Writing Review Committee, 2014
- Chemical Engineering Faculty Salary Survey author and administrator, 2004 - present.
- Chemical Engineering Advisory Board for Lamar University, Beaumont, TX, 2006 - present
- College of Engineering and Natural Sciences Promotion and Tenure committee, 2004 - 07 and 2010 - 19, served as Chair of the Committee, 2010, 2016 and 2017.
- University of Tulsa Financial Review Committee, 2007 - 09
- Department of Chemical Engineering Graduate Program Advisor, 2001 - 2006
- Department of Chemical Engineering webpage design and maintenance, 2000 - present

Service at LSU 1979 - 2000

- LSU Campus Crusade for Christ Faculty Advisor, 2000
- AIChE Baton Rouge Section Executive Committee, 1999, 1989, 1988, 1985, 1984, 1982
- College of Engineering Promotion and Tenure Committee, 1998
- Chemical Engineering Computer Administrator, 1998 - 2000
- Promotion Committee, CAMD, 1998
- Chemical Engineering Shop Coordinator, 1993 - 1998
- Secretary, LSU College of Engineering Policy Committee, 1995 - 96
- Chairman, Chemical Engineering Promotion and Tenure committee, 1995 - 96
- College of Engineering Policy Committee, 1994 - 97
- AIChE Student Chapter Advisor 1979 - 1984, 1987 - 95
- International Zeolite Association Advisory Committee, 1991 - 1992
- AIChE Baton Rouge Section President, 1987
- AIChE Baton Rouge Section Vice-President, 1986
- LSU Faculty Senate, 1984 - 1987
- Chemical Engineering Department Graduate Program Director, 1984 - 87
- AIChE Baton Rouge Section Secretary 1983, 1984
- AIChE Student Chapter Mixer Co-host, AIChE Annual Meeting, New Orleans, 1981

AWARDS:

Grand Prize Winner, "My Favorite Crystal", American Chemical Society contest regarding reader's favorite crystal structures, September 2014

Baton Rouge, Louisiana:

Golden Apple Award, Volunteers in Public Schools, 1995

Giving Something Back, WAFB - Freeport/McMoran Community Service Award, 1996

Distinguished Partners in Education, Board of Elementary and Secondary Education of the State of Louisiana, 1997

First Christian Church, Family of the Year, 1997

Phi Kappa Phi Best Dissertation, Rice University, 1979

COMMUNITY SERVICE:

Tulsa, Oklahoma:

Deacon, Memorial Bible Church, Tulsa, OK, 2005 - 07

Baton Rouge, Louisiana:

President, Recycled Computers for Kids, Inc. (a non-profit community service organization)

High School for Engineering Professions (at Scotlandville High) Advisory Committee, 1994-99

Deacon, Community Bible Church, 2000

Usher, Community Bible Church, 1998 - 2000

Elder, First Christian Church of Baton Rouge, 1994 - 98

Overseer for Education, First Christian Church of Baton Rouge, 1995

Overseer for Witness, First Christian Church of Baton Rouge, 1985

Board Member, First Christian Church of Baton Rouge 1980 - 83, 1985 - 88, 1991 - 92, 1994 - 98

Deacon, First Christian Church, 1980 - 83, 1985 - 88, 1991 - 92

SHORT COURSES:

"Thermodynamics", Fundamentals of Engineering Review Short Course, 1993, 1994

"Chemical Engineering Concepts for the Non-Chemical Engineer", LSU Continuing Education, 1980 - 81, 1983

"Material and Energy Balances", Dow Chemical, Plaquemine, Louisiana, 1983

"Kinetics and Reactor Design," Dow Chemical, Plaquemine, Louisiana, 1985

INSTRUCTIONAL ACTIVITIES:

University of Tulsa Undergraduate:

Industrial Catalysis, ChE 4133

Engineering Thermodynamics, ES 3053

Heat Transfer, ES 3073

Chemical Engineering Labs I and II, ChE 4003, ChE 4013

Chemical Reactor Design, ChE 4063

Equilibrium Thermodynamics, ChE 3063

University of Tulsa Graduate:

Industrial Catalysis, ChE 6133
Chemical Reactor Design, ChE 6463
Reactor Kinetics, ChE 7033
Thermodynamics, ChE 7023

LSU Undergraduate:

Chemical Engineering Thermodynamics, ChE 3172
Heterogeneous Equilibrium, ChE 3173
Engineering Practice, ChE 3242-3250
Senior Projects, ChE 3171-3172
Engineering Measurements, ChE 4104
Chemical Reaction Engineering, ChE 4190
Introduction to Polymers, ChE 4285
Chemical Engineering Design Elective (as Catalysis), ChE 4410
Industrial Catalysis, ChE 4205

LSU Graduate:

Chemical Reactor Design Methods, ChE 7140
Catalysis, ChE 7542
Thermodynamics, ChE 7120

THESIS AND DISSERTATIONS DIRECTED:

1. Y.N. Shyr, Ph.D. 1983, "Studies on the Selective Oxidation Activity of Fe-Te-O Catalysts".
2. Stephen Brignac, M.S. 1984, "A Reactor Study of Nickel Loaded Zeolites".
3. Krisda Chirapongse, Ph.D. 1984, "A Kinetic Study of the Methanation Reaction over Fe-Ru Catalysts".
4. Charles Egedy, M.S. 1984, "The Reactions of Cyclohexane and n-Octane over Tellurium Loaded Zeolites".
5. Chi H. Cheng, Ph.D. 1988, "The Investigation of PtTe/Al₂O₃ and PtSb/Al₂O₃ Reforming Catalysts".
6. Bharat Patel, Ph.D. 1989, "Fe-Te-O Catalysts for Selective Oxidation".
7. Yeung H. Park, Ph.D. 1991, "The Effects of Additives on the Selective Hydrogenation of Acetylene over Pd/Al₂O₃".
8. R.L. Gehani, M.S. 1993, "Ga Zeolites for Propane Aromatization".
9. Trent F. Guidry, Ph.D. 1998, "The Conversion of Light Amines over Copper Containing Zeolites".
10. Amit C. Gujar, M.S. 2004, "Synthesis of SUZ-4 in the K⁺/TEA⁺ System".
11. Amit C. Gujar, PhD 2005, "Experimental and Theoretical Study of Lean NO_x Reduction and NO Decomposition Using SUZ-4 Zeolite".
12. Minwoo Kwon, M.S. 2006, "Dehydrogenation Kinetics of n-Paraffins".
13. Yang He, M.S. 2011, "Conversion of Ginger Oil to Gasoline Via Catalytic Cracking".
14. Diachuan Chen, PhD., 2011, co-advisor, "Liquid Transportation Fuels from Algal Oils".
15. Ji Chen, M.S., 2014, "Catalytic Cracking of Ginger Oil to Aromatics".
16. Sainath Srikar Illa, M.S., 2017, "Synthesis of SUZ-4 Zeolite".

RESEARCH EQUIPMENT AVAILABLE:

- Agilent 5975C GC-MS System, split to FID, full spectral database
- HP 5890II GC with capillary column injectors, dual FID.
- Microbalance Perkin Elmer Pyris 1, complete reagent gas control facilities, dedicated PC system.
- Catalytic Reactor System: batch recirculation reactor, glass, high vacuum facilities, online GC/MS.
- Catalytic Reactor System: multi-furnace, multi-gas inlet flow system with online residual gas analyzer, GC/MS facilities
- Zeolite Synthesis Equipment 2000 cc autoclave and 600 cc stirred autoclaves, eight 200 cc rotating autoclaves, miscellaneous drying and calcining ovens.
- Catalyst forming equipment including ball-mill, mixer, and extruder.
- Controlled Atmosphere Calcining Furnace three zone, tubular, 3" ID x 36", complete reagent gas control system, independent zone temperature controllers, digital interface with computer control software.

INDUSTRIAL CONSULTING and ADVISING ACTIVITIES:

1. Syntroleum Corporation, 2007-14
2. Phillips 66, 2012-13
3. Sapphire Energy, 2008-12
4. Sapphire Energy, San Diego, CA, Scientific Advisory Board, 2006-12
5. Ferro Corporation, Grant Chemical Division, 1996
6. LaRoche Industries, 1995, 1997
7. Exxon Research and Development Laboratories, Baton Rouge, LA, 1986-2000
8. Exxon Research and Engineering, Clinton, NJ, 1987-1990
9. Exxon Zeolite Conference
Invited Lecturer, The Woodlands, TX, 1987
Invited Lecturer, Baton Rouge, LA, 1989
10. Mobil Research and Development Company, Princeton, NJ, 1985

SPONSORED RESEARCH:

1. NSF, "A Kinetic and Solid State Study of Mixed Oxide Allylic Oxidation Catalysts Containing Tellurium", 1981-83, \$47,970.
2. INSTAP, "Methanation Catalysis", 1982, \$12,335.
3. U.O.P., "Re-Ru Alloys for the Methanation Reaction", 1982-1983, \$15,000.
4. LOOP, "Hydrocarbon Emissions from LOOP's Onshore Storage Facility", with A.M. Sterling (PI), \$24,988.
5. Mobil Foundation, "Tellurium Loaded Zeolites", 1982, \$5,000.
6. Exxon Foundation, "Catalytic Hydrocracking of Heavy Aromatics", with E. McLaughlin and D.P. Harrison, 1981-1982, \$25,000.
7. Exxon Foundation, "Catalytic Hydrocracking of Heavy Aromatics", with E. McLaughlin and

- D.P. Harrison, 1982-1983, \$25,000.
8. Exxon Foundation, "Studies of Fundamental Processes in Catalysis", with E. McLaughlin and K. Dooley, 1983-1984, \$25,000.
 9. Mobil Foundation, "Tellurium Loaded Zeolites", 1984, \$5,000.
 10. Exxon Foundation, "Studies of Fundamental Processes in Catalysis", with K.M. Dooley (Co-PI), 1984-1985, \$25,000.
 11. Mobil Foundation, "Tellurium Loaded Zeolites", 1985, \$5,000.
 12. Exxon Foundation, "Studies of Fundamental Processes in Catalysis", with K.M. Dooley (Co-PI), 1985-1986, \$25,000.
 13. Mobil Foundation, "Tellurium Loaded Zeolites", 1986, \$5,000.
 14. Exxon Foundation, "Fundamental Processes in Catalysis", with K.M. Dooley (Co-PI), \$20,000, 1986-1987.
 15. LEQSF, "Department Equipment Grant", with E. McLaughlin, and others in the Department of Chemical Engineering, \$365,000 (x-ray diffractometer equipment \$160,000 as Dr. Price's share), 1987.
 16. LEQSF, "Zeolite Synthesis Laboratory", with H.E. Robson (Co-PI), \$182,000, 1987-1989.
 17. Exxon Foundation, "Fundamental Processes in Catalysis", with K.M. Dooley (Co-PI), \$18,500, 1987-1988.
 18. Exxon Foundation, "Isotopic Tracers in Catalysis", \$15,000, 1987-1988.
 19. Exxon Foundation, "Fundamental Processes in Catalysis", with K.M. Dooley (Co-PI), \$15,000, 1988-1989.
 20. Exxon Foundation, "Zeolites and Zeolite Catalysis", with K.M. Dooley (Co-PI), \$15,000, 1989-1990.
 21. LEQSF, "Equipment Enhancement - Environmental Scanning Electron Microscope", with Greg Griffin (PI) and others, \$220,000, 1991.
 22. Exxon Foundation, "Zeolites and Zeolite Catalysis", with K.M. Dooley (Co-PI), \$15,000, 1990-1991.
 23. Exxon Research and Development, "Synthesis of VPI-5 and ZSM-18", with H. Robson (Co-PI), \$11,000, 1991-1992.
 24. Exxon Foundation, "Zeolites and Zeolite Catalysis", with K.M. Dooley (Co-PI), \$15,000, 1991-1992.
 25. LEQSF, "EDAX Attachment for ESEM", Greg Griffin (PI) and others, \$97,000, 1992.
 26. LEQSF, "Laser Raman Spectrometer", F.C. Knopf (PI), K. Dooley (Co-PI), \$140,000, 1992.
 27. DOE, "Ga Zeolites for Light Paraffin Aromatization", with K. Dooley (Co-PI), \$300,000, 1992-1995.
 28. Exxon Foundation, "Zeolites and Zeolite Catalysis", with K.M. Dooley (Co-PI), \$15,000, 1992-1993.
 29. LaRoche Chemicals, "Study of Drying and Decomposition of Aeolus Papers", \$2,033, 1992-93.
 30. LaRoche Chemicals, "Physical Analysis of Alumina Based Materials", \$8,000, 1993.
 31. LaRoche Chemicals, "Synthesis of Mordenite, L, Y, and Omega Zeolites", \$7,000, 1994.
 32. Exxon Foundation, "Zeolites and Zeolite Catalysis", with K.M. Dooley (Co-PI), \$15,000, 1993-94.
 33. LaRoche Industries, "Characterization of Alumina Based Materials", \$9,000, 1995.
 34. Exxon Foundation, "Zeolites and Zeolite Catalysis", with K.M. Dooley (Co-PI), \$10,000, 1994-

95.

35. DOE, "Solid-State Ion-Exchanged Zeolites for Hydrocarbon Conversion Reactions", with K.M. Dooley (Co-PI), \$89,500, 1995.
36. Handler's International, "Physical Analysis of Carbon-Based Materials", \$10,000, 1995-96.
37. Exxon Foundation, "Zeolites and Zeolite Catalysis", with K.M. Dooley (Co-PI), \$10,000, 1995-96.
38. LaRoche Chemicals, "Mechanism of Metal Acetate Decomposition on Alumina", \$10,000, 1996.
39. Ferro Corporation, "Olefin Metathesis on Group 6b Metals: Survey of Catalytic Activity", with K.M. Dooley (Co-PI), \$10,000, 1996.
40. Exxon Foundation, "Zeolites and Zeolite Catalysis", with K.M. Dooley (Co-PI), \$10,000, 1996-97.
41. MGK Co., "Catalyst Development and Reactor Study for Ketone Production", with K.M. Dooley (PI), \$25,000, 1997.
42. NSF, "Amine Conversion on Cu Zeolites Prepared by Solid-State Ion-Exchange", \$140,000, 1997-1999.
43. Exxon Foundation, "Zeolites and Zeolite Catalysis", with K.M. Dooley (Co-PI), \$10,000, 1997-98.
44. LESQF, "Enhanced Capabilities in Advanced Material Analysis and Processing", Co-PI with K.M. Dooley (PI) and F.C. Knopf (Co-PI), \$100,270, 1998.
45. Exxon Chemical Company, "Catalyst Evaluation and Development for Heterogeneous Carbonylation Reactions", with K. Dooley (Co-PI), \$85K, 1999-2000.
46. NSF "GOALI: High Stability Copper Zeolites for Lean NO_x Automotive Catalysts", with R. Blint and B. Cho (General Motors), \$125K, 2000-02.
47. General Motors, "Automotive Catalysts", with R. Blint and B. Cho, \$50K, 2000-02.
48. BP/Amoco, "Combustion Research", with F. Manning, \$2,000, 2001-02.
49. General Motors, "Automotive Catalysts", \$5K, 2002.
50. ConocoPhillips, "Graduate Fellowship in Catalysis", \$20,000, 2004-05
51. Homeland Security, "Designing Inherently Safe SCADA Systems for the Oil and Gas Industry", with S. Sheno (PI), M. Papa, and F. Manning, \$479,607, 2005-07.
52. ConocoPhillips, "Graduate Fellowship in Catalysis", \$20,000, 2005-06
53. Syntroleum, "Dehydrogenation Kinetics of n-Paraffins", with K. Wisecarver, \$230,000, 2006.
54. ConocoPhillips, "Graduate Fellowship in Catalysis", \$20,000, 2006-07.
55. Sapphire Energy, "Catalytic Conversion of Bio-Synthesized Terpenes to Gasoline and Diesel", with D. Crunkleton (PI), \$73,600, 2007-08.
56. ConocoPhillips, "Graduate Fellowship in Catalysis", \$20,000, 2007-08.
57. Sapphire Energy, "Supplemental Funding - Catalytic Conversion of Bio-Synthesized Terpenes to Gasoline and Diesel", with D. Crunkleton (PI), \$97,000, 2007-08.
58. Sapphire Energy, "Macroscopic Catalytic Conversion of Hydrocarbons Produced by Genetically Modified Algae to Fuels", with Dan Crunkleton (PI), \$224,111, 2008-09.
59. Sapphire Energy, "Supplement - Macroscopic Catalytic Conversion of Hydrocarbons Produced by Genetically Modified Algae to Fuels", with Dan Crunkleton (PI), \$20,000, 2008-09.
60. Sapphire Energy, "Development of Biofuels from Algal Oils", with Noah Tracy (PI) and Dan Crunkleton (co-PI), \$67,500, 2009.

61. Sapphire Energy, "Construction of Medium-Scale Reactors for Conversion of Algal Oils to Fuel", with D. Crunkleton (PI), and N. Tracy, \$75,000, 2008-09.
62. Sapphire Energy, "Macroscopic Catalytic Conversion of Hydrocarbons Produced by Genetically Modified Algae to Fuels", with Dan Crunkleton (PI), \$201,809, 2009-10.
63. Sapphire Energy, "Macroscopic Catalytic Conversion Algae Oils to Fuels", with Dan Crunkleton (PI), \$110,000, 2010-11.
64. DOE, "Green Fuels from Algae", with Dan Crunkleton (co-PI), \$729,000, 2010-11.
65. Sapphire Energy, "Macroscopic Catalytic Conversion Algae Oils to Fuels", with Dan Crunkleton (PI) \$55,000 (2011).

LECTURES AND PROCEEDINGS:

1. G.L. Price, "Tellurium Loaded Zeolites", Monsanto Company in Texas City, Texas, 1979.
2. J.W. Hightower (speaker) and G.L. Price, "Dehydrocyclization of Small n-Paraffins Over Tellurium Zeolites", Sixth U.S./U.S.S.R. Joint Symposium on Chemical Catalysis, Cherry Hill, NJ, 1979.
3. G.L. Price and J.W. Hightower (speaker), "Dehydrocyclization of n-Paraffins over Te-NaX Zeolite Catalysts", Proceedings of the Seventh International Congress on Catalysis, Tokyo, Japan (1980).
4. G.L. Price (speaker), and J.W. Hightower, "Tellurium Loaded Zeolite Dehydrocyclization Catalysts, New Evidence on the Active Site", Proceedings of the AIChE Annual Meeting, Chicago, Illinois (1980).
5. G.L. Price (speaker), and C. Egedy, "The Cyclohexane Reaction over Tellurium Loaded Zeolites", Proceedings of the AIChE National Meeting, Atlanta, March (1984).
6. J.W. Hightower (speaker) and G.L. Price, "Isotopic Tracers in Catalysis: Aromatics from n-Paraffins over Te-NaX Zeolites", Symposium on New Surface Science in Catalysis, ACS Meeting, August 26-31, 1984.
7. G.L. Price, "Tellurium Loaded Zeolites", Gordon Research Conference, New London, New Hampshire (1985).
8. G.L. Price (speaker), and Y.N. Shyr, "Iron-Tellurium Mixed Oxides for Selective Oxidation", Proceedings of the AIChE Annual Meeting, paper #80b, Chicago (1985).
9. G.L. Price, "Iron-Tellurium Mixed Oxides for Selective Oxidation", University of Tulsa, 1986.
10. G.L. Price, "Zeolite Based Reforming Catalysts", Southwest Catalysis Society, Houston, TX, 1987.
11. G.L. Price (speaker) and C.H. Cheng, "Deuterium Exchange on Platinum Supported on BaKL Zeolite, comparison with Te/NaX and Pt/Al₂O₃", Proceedings of the AIChE Annual Meeting, paper #17c, New York, NY (1987).
12. G.L. Price, "Zeolite Based Reforming Catalysts", Georgia Tech, Atlanta, Ga, 1988.
13. G.L. Price, "Zeolite Based Reforming Catalysts", University of Houston, Houston, TX, 1988.
14. C.H. Cheng (speaker) and G.L. Price, "Te and Sb Modifiers for Pt/Al₂O₃ Reforming Catalysts", Proceedings of the AIChE National Meeting, Houston, TX, 1989.
15. E. Iglesia (speaker), J. Baumgartner, G.L. Price, K.D. Rose, and J.L. Robbins, "Dehydrocyclization of 1-¹³C n-Heptane on Tellurium and Platinum Loaded Zeolites", Proceedings of the North American Catalysis Society Meeting, Dearborn, MI (1989).

16. E. Iglesia (speaker), G.L. Price, and J. Baumgartner, "Dehydrocyclization of 1-¹³C n-Heptane on Tellurium Loaded Zeolites", AIChE National Meeting, Philadelphia, PA, August (1989).
17. B.M. Patel (speaker) and G.L. Price, "Iron-Tellurium-Selenium Mixed Oxide Catalysts for the Oxidative Dehydrogenation of 1-Butene to 1,3-Butadiene", Proceedings of the AIChE Annual Meeting, paper #51f, San Francisco, CA (1989).
18. V. Kanazirev (speaker), K. Dooley, and G.L. Price, "Preparation of Ga-Doped Zeolite Catalysts via Solid State Interaction Between Ga₂O₃ and HZSM-5 Zeolite Induced by Hydrogen", 1991 International Symposium on Zeolite Chemistry and Catalysis, Prague, Czechoslovakia.
19. G.L. Price, "Ga Zeolites for Light Paraffin Aromatization", Southwest Catalysis Society, April 1992.
20. K. Dooley (speaker), C. Chang, V. Kanazirev, and G. Price, "Pretreatment Effects on Active State and Aromatization Activity of Ga/ZSM-5 Catalysts", Tenth International Congress on Catalysis, Budapest, Hungary, 1992.
21. G.L. Price (speaker) and V. Kanazirev, "n-Propylamine Desorption from GaMFI ", Proceedings of the AIChE National Meeting, Houston, TX, 1993.
22. G.L. Price (speaker), "Ga Zeolites for Light Paraffin Aromatization", Ninth DOE/BES Heterogeneous Catalysis and Surface Chemistry Meeting, Milwaukee, WI, May 1994.
23. K.M. Dooley (speaker), T.F. Guidry, V.I. Hart, L. Butler, V. Kanazirev, and G.L. Price, "Control of Intrazeolite Ga and In Cation Content and its Effects on Alkane Dehydrogenations in Pentasils", Southwest Catalysis Society Fall Symposium, Nov. 4, 1994.
24. K.M. Dooley (speaker), T.F. Guidry, V.I. Hart, L. Butler, V. Kanazirev, and G.L. Price, "Control of Intrazeolite Ga and In Cation Content and its Effects on Alkane Dehydrogenations in Pentasils", 14th North American Catalysis Society Meeting, Snowbird, Utah, June, 1995.
25. G.L. Price (speaker) and V. Kanazirev, "The Effect of Oxygen on the Thermal Activation of Zeolites", Proceedings of the AIChE Annual Meeting, paper #59ag, Miami Beach, FL, November, 1995.
26. G.L. Price (speaker) and V. Kanazirev, "Reductive Solid-State Ion-Exchange of CuO with H-MFI", Proceedings of the AIChE Annual Meeting, paper #82g, Miami Beach, FL, November, 1995.
27. G.L. Price, "Reductive Solid-State Ion-Exchange of Zeolites", Engelhard Corporation, Beachwood, OH, January, 1996.
28. G.L. Price, "Reductive Solid-State Ion-Exchange of Zeolites", University of Missouri - Rolla, April, 1996.
29. G.L. Price, "Reductive Solid-State Ion-Exchange of Zeolites: Discovery, Characterization, and Catalysis", Virginia Polytechnic Institute, March, 1998.
30. T.F. Guidry and G.L. Price, "The Selective Dehydrogenation and Dimerization of Amines over Cu Containing MFI Zeolites", Poster # 18, 17th Conference on Catalysis of Organic Reactions, New Orleans, LA, March, 1998.
31. T.F. Guidry (speaker) and G.L. Price, "The Conversion of 1-Propanamine over Copper-Containing Zeolites Prepared by Aqueous and Vapor Ion-Exchange", Southwest Catalysis Society Fall meeting, Tulane University, New Orleans, LA, October, 1998.
32. G.L. Price, "Analysis of Deuterium in Hydrocarbons", Virginia Polytechnic Institute, Feb. 25, 1999.

33. G.L. Price, "Reductive Solid-State Ion-Exchange of Zeolites: Discovery, Characterization, and Catalysis", Exxon Research and Development, September 1999.
34. G.L. Price and T. F. Guidry, "Solid-State Preparation of Copper Zeolites", 1999 AIChE Annual Meeting, paper # 281d, Dallas, TX, Nov. 5, 1999.
35. G.L. Price, "Protons and Cations in Zeolites: Characterization by Adsorption of Amines", General Motors Research and Development Center, March, 2000.
36. G.L. Price, "Reductive Solid-State Ion-Exchange of Zeolites: Discovery, Characterization, and Catalysis", Oklahoma State University, November, 2000.
37. A. Subbiah, B.K. Cho (speaker), R.J. Blint, G.L. Price, and J.E. Yie, "NO_x Reduction over Metal-Ion Exchanged Novel Zeolite under Lean Conditions: Activity and Hydrothermal Stability", paper # 342h, AIChE Annual Meeting, Reno, NV, November (2001).
38. G. L. Price, "Reductive Solid-State Ion-Exchange of Zeolites: Discovery, Characterization, and Applications", UOP Research and Development Invitational Lecture Series, February 28, 2002.
39. G. L. Price, "Reductive Solid-State Ion-Exchange of Zeolites: Discovery, Characterization, and Applications", University of Oklahoma, Department of Chemical Engineering Seminar Series, Sept. 19, 2002.
40. G. L. Price, "Discovery of Reductive Solid State Ion-Exchange of Zeolites and Spinoff Applications", Bartlesville, OK AIChE Section Meeting, March 20, 2003.
41. Gujar, Amit (poster presenter); Moye, Amol; Teeters, Dale; Roberts, Kenneth; Price, Geoffrey, "Spectroscopic investigation of the SUZ-4 zeolite", Abstracts, 59th Southwest Regional Meeting of the American Chemical Society, Oklahoma City, OK, United States, October 25-28 (2003).
42. Amit Gujar (speaker), P. A. Coghill, and G. L. Price, "Adsorption-Desorption Studies on SUZ-4 Zeolite", 78th Annual Meeting of the SW and Rocky Mountain Division of the American Assoc. of the Adv. of Science, April, 2003.
43. G.L. Price, "Solid State Ion Exchange of Zeolites", COLL 172, The 227th ACS National Meeting, Anaheim, CA, March 28-April 1, 2004.
44. G.L. Price, "Chemical Engineering Faculty Salary Survey", AIChE Annual Meeting, Austin, TX, November, 2004.
45. G.L. Price, "Chemical Engineering Faculty Salary Survey", AIChE Annual Meeting, Cincinnati, OH, November, 2005.
46. G.L. Price, "Chemical Engineering Faculty Salary Survey", AIChE Annual Meeting, San Francisco, CA, November, 2006.
47. G.L. Price, "A Carberry Catalytic Reactor System: Construction, Commissioning, and Catalytic Reactions", Oklahoma State University seminar series, December, 2006.
48. G.L. Price, "Reductive Solid-State Ion-Exchange (RSSIE) of Zeolites: Discovery, Characterization, and Applications", ACS Pentasectional Meeting, paper # 17, March, 2007.
49. G.L. Price, "Chemical Engineering Faculty Salary Survey", AIChE Annual Meeting, Salt Lake City, Utah, November, 2007.
50. G.L. Price, "Chemical Engineering Faculty Salary Survey", AIChE Annual Meeting, Philadelphia, PA, November, 2008.
51. G. L. Price, Panel Moderator for session "Alternative Energy Sources; Potential, Transmission Costs, Hurdles; What Must be Done", in Oklahoma: The New Energy Frontier, Transforming

- current and potential Oklahoma energy resources into sustainable economic growth, Reed Conference Center, Midwest City, February 25, 2009.
52. G. L. Price, R. Stratton, J. Henshaw, and D. Crunkleton, Sustainable Energy Panel Discussion, AAAS-SWARM Division 84th Annual Meeting, March 29, 2009.
 53. Daichuan Chen (speaker), Noah Tracy, Daniel Crunkleton and Geoffrey Price, “Catalytic Conversion of Algae Oil over Different Catalysts”, AAAS-SWARM Division 84th Annual Meeting, March 29, 2009.
 54. N. Tracy (poster presenter), D. Chen, D. Crunkleton, and G. Price, “Catalytic Conversion of Phytol to Gasoline”, Fulbright Commission, Brazil: 1st Brazil-US Biofuels Short Course, Sao Paulo, Brazil, August, 2009.
 55. G.L. Price, “Chemical Engineering Faculty Salary Survey”, AIChE Annual Meeting, Nashville, TN, November, 2009.
 56. Baukal, C.; Colannino, J.; Bussman, W.; and Price, G., “Industry Instructors for a Specialized Elective Course”, AC 2010-67, ASEE Annual Conference, Louisville, KY (2010).
 57. G.L. Price, “Chemical Engineering Faculty Salary Survey”, AIChE Annual Meeting, Salt Lake City, Utah, November, 2010.
 58. Baukal, C.; Price, G.; Matsson, J.; Bussman, W.; and Olson, S.; “Industry Adjuncts: Lessons Learned”, AC 2248, ASEE Annual Conference, Vancouver, British Columbia (2011).
 59. G. L. Price, “Development of Green Fuels from Algae”, Executives of Tulsa meeting, Southern Hills Marriot, Sept. 9, 2011.
 60. G.L. Price, “Chemical Engineering Faculty Salary Survey”, AIChE Annual Meeting, Minneapolis, MN, October, 2011.
 61. G.L. Price (presented by S. Cremaschi), “Chemical Engineering Faculty Salary Survey”, AIChE Annual Meeting, Pittsburgh, PA, November, 2012.
 62. W. K. Kightlinger, K. Chen, D. W. Crunkleton, G. Price and T. Johannes, “Effects of Algae Extract On the Growth and Metabolism of Various Microorganisms”, AIChE Annual Meeting, Pittsburgh, PA, November, 2012.
 63. G.L. Price, “Chemical Engineering Faculty Salary Survey”, AIChE Annual Meeting, San Francisco, CA, November, 2013.
 64. G. L. Price, Contributor to Carl L. Yaws, Thermophysical Properties of Chemicals and Hydrocarbons, 2nd ed. Elsevier, 2013.
 65. G. L. Price, Guest Editor, Special Issue “Metal-Loaded Zeolite Catalysts”, *Catalysis*, MDPI, January, 2014.
 66. G.L. Price, “Chemical Engineering Faculty Salary Survey”, AIChE Annual Meeting, Atlanta, GA, November, 2014.
 67. G.L. Price, “Chemical Engineering Faculty Salary Survey”, AIChE Annual Meeting, Salt Lake City, Utah, November, 2015.
 68. G.L. Price, “Solid State Ion-Exchange of Zeolites: Science and Application”, invited lecture, Rice University, April 7, 2016.
 69. G.L. Price, “Chemical Engineering Faculty Salary Survey”, AIChE Annual Meeting, San Francisco, CA, November, 2016.
 70. V. Ramasubramanian, H. Ramsurn and G. L. Price, Investigating the role of molybdenum during the direct conversion of methane to liquids under non-oxidative conditions, Annual Research Colloquium, The University of Tulsa, Mar 27-Mar 31, 2017, Tulsa, OK.

71. G.L. Price, "Chemical Engineering Faculty Salary Survey", AIChE Annual Meeting, Minneapolis, MN, November, 2017.
72. V. Ramasubramanian, H. Ramsurn and G. L. Price, Investigating the role of molybdenum during the direct conversion of methane to liquids under non-oxidative conditions, Annual AIChE meeting, Oct 29-Nov 3, 2017, Minneapolis, MN.
73. V. Ramasubramanian, H. Ramsurn and G. L. Price, Methane dehydroaromatization - A study on reaction mechanism, Annual Research Colloquium, The University of Tulsa, Apr 2-Apr 6, 2018, Tulsa, OK.
74. V. Ramasubramanian, H. Ramsurn and G. L. Price, Methane dehydroaromatization - A study on reaction mechanism, Great Plains Catalysis Society Spring Symposium, Apr 18, 2018, Manhattan, KS.
75. V. Ramasubramanian, H. Ramsurn and G. L. Price, Methane dehydroaromatization - A study on reaction mechanism, 63rd ACS Pentasectional Meeting, The University of Tulsa, Apr 21, 2018, Tulsa, OK.
76. G.L. Price, "Chemical Engineering Faculty Salary Survey", AIChE Annual Meeting, Pittsburgh, PA, October, 2018.
77. V. Ramasubramanian, H. Ramsurn and G. L. Price, "Investigating the Effect of Addition of Potassium to the Mo/HZSM-5 during the Non-Oxidative Conversion of Methane to Aromatics", AIChE Annual Meeting, Pittsburgh, PA, October, 2018.
78. V. Ramasubramanian, H. Ramsurn and G. L. Price, Methane Dehydroaromatization : Effect of addition of promoters (K, Rh and Fe) over Mo/HZSM-5, Annual Research Colloquium, The University of Tulsa, Apr 2-Apr 6, 2019, Tulsa, OK.
79. V. Ramasubramanian, H. Ramsurn and G. L. Price, "Hydrogen and Carbon Nanomaterials Production By Catalytic Decomposition of Methane over Fe and Co Based Catalysts Supported on CeO₂-ZrO₂", AIChE Annual Meeting, Orlando, FL, November, 2019.
80. G.L. Price, "Chemical Engineering Faculty Salary Survey", AIChE Annual Meeting, Orlando, FL, November 2019.
81. G.L. Price, "Chemical Engineering Faculty Salary Survey", AIChE Annual Meeting, virtual meeting, November 2020.

PUBLICATIONS AND PATENTS:

1. G.L. Price, "The Active Nature of Tellurium Loaded Zeolite Dehydrocyclization Catalysts", Ph.D. Thesis, Rice University, 1979.
2. G.L. Price, Z. Ismagilov, and J.W. Hightower, "Dehydrocyclization of n-Paraffins over Te-NaX Zeolites Catalysts", Seventh International Congress on Catalysis, Part A (T. Seiyama and K. Tanabe, Eds.) p. 708. Elsevier, Amsterdam/New York (1981).
3. G.L. Price, Z. Ismagilov, and J.W. Hightower, "Tellurium NaX Zeolites. I. Deuterium Tracer Studies of Cyclohexane Dehydrogenation to Benzene", Journal of Catalysis, 73, 361-365 (1982).
4. G.L. Price, Z. Ismagilov, and J.W. Hightower, "Tellurium NaX Zeolites. II. Nature of Active Sites", Journal of Catalysis, 81, 369-374, (1983).
5. G.L. Price and C. Egedy, "Studies on the Reaction of n-Octane over Several Tellurium Loaded Zeolites", Journal of Catalysis, 84, 461-467 (1983).

6. Y.N. Shyr and G.L. Price, "Iron-Tellurium Mixed Oxide Selective Oxidation Catalysts. I. Kinetic Investigation", I&EC Product Research and Development, 23, 536-541 (1984).
7. Y.N. Shyr and G.L. Price, "Iron-Tellurium Mixed Oxide Selective Oxidation Catalysts. II. Mechanistic Investigation", I&EC Product Research and Development, 23, 542-545 (1984).
8. J.W. Hightower and G.L. Price, "Isotopic Tracers in Catalysis: Aromatics from n-Paraffins over Te-NaX Zeolites", Catalyst Characterization Science, 8, Gland and Deviney, eds., 88-97 (1985).
9. W.D. Constant, G.L. Price, and E. McLaughlin, "Hydrocracking of Model Coal-Derived Liquid Components over a Zeolite Catalysts," Fuel, 65, 8-16 (1986).
10. C.R. Egedy and G.L. Price, "The Cyclohexene Reaction over Te/NaX Zeolite Catalysts", Chemical Engineering Communications, 44, 219-226 (1986).
11. G.L. Price and E. Iglesia, "A Matrix Method for Correction of Mass Spectra in Deuterium Exchange Applications", I&EC Research, 28, 839-844 (1989).
12. G.L. Price and E. Iglesia, "Use of CI-MS for the Analysis of Deuterium Content in Hydrocarbons. Part I. The Boundary Method for Hydrogen Abstraction Spectra", I&EC Research, 28, 1089-1095 (1989).
13. C.H. Cheng, K.M. Dooley, and G.L. Price, "The Role of Tellurium and Antimony in PtTe/Al₂O₃ and PtSb/Al₂O₃ Reforming Catalysts", Journal of Catalysis, 116, 325-337 (1989).
14. C.H. Cheng and G.L. Price, "Carbon-13 Isotopic Tracer Study of 2-Methylpentane Isomerization on PtTe/Al₂O₃ and PtSb/Al₂O₃ Catalysts", Journal of Catalysis, 118, 390-399 (1989).
15. G.L. Price and E. Iglesia, "Use of CI-MS for the Analysis of Deuterium Content in Hydrocarbons, Part II. Solutions for Systems Involving Multiple Ion Processes", I&EC Research, 28, 1688-1693 (1989).
16. B.M. Patel and G.L. Price, "Iron-Tellurium-Selenium Mixed Oxide Catalysts for the Selective Oxidation of Propylene to Acrolein", I&EC Research, 29, 730-735 (1990).
17. K.M. Dooley, S.D. Brignac, and G.L. Price "Kinetics of Zeolite-Catalyzed Toluene Disproportionation", I&EC Research, 29, 789-795 (1990).
18. E. Iglesia, J. Baumgartner, G.L. Price, K.D. Rose, and J.L. Robbins, "Alkane Rearrangement Pathways on Tellurium-Based Catalysts", Journal of Catalysis, 125, 95-111 (1990).
19. V. Kanazirev, G.L. Price and K.M. Dooley, "Enhancement in Propane Aromatization with Ga₂O₃/HZSM-5 Catalysts", Journal of the Chemical Society, Chemical Communications, 9, 712-713 (1990).
20. G.L. Price and V. Kanazirev, "Ga₂O₃/HZSM-5 Propane Aromatization Catalysts: Formation of Active Centers via Solid State Reaction", Journal of Catalysis, 126, 267-278 (1990).
21. G. L. Price and V. Kanazirev, "The Oxidation State of Ga in Ga/ZSM-5 Light Paraffin Aromatization Catalysts", Journal of Molecular Catalysis, 66, 115-120 (1991).
22. G.L. Price, "Hydrogen Reduction of Ga-Pt Loaded HZSM-5", Journal of Catalysis, 130, 611-615 (1991).
23. Y.H. Park and G.L. Price, "Deuterium Tracer Study on the Effect of Carbon Monoxide on the Selective Hydrogenation of Acetylene over Pd/Al₂O₃", I&EC Research, 30, 1693-1699 (1991).
24. Y.H. Park and G.L. Price, "Temperature-Programmed-Reaction Study on the Effect of Carbon Monoxide on the Acetylene Reaction over Pd/Al₂O₃", I&EC Research, 30, 1700-1707 (1991).
25. V. Kanazirev, R. Dimitrova, G.L. Price, A. Khodakov, L. Kustov, and V. Kazansky, "IR

- Study of the Active Sites Formed by H₂ Treatment of Ga/HZSM-5 Catalysts", Journal of Molecular Catalysis, **70**, 111-117 (1991).
26. V. Kanazirev, V. Mavrodinova, L. Kosova, and G.L. Price, "Conversion of C₈ Aromatics and n-Pentane over Ga₂O₃/HZSM-5 Mechanically Mixed Catalysts", Catalysis Letters, **9**, 35-42 (1991).
 27. V. Kanazirev, G.L. Price, and K.M. Dooley, "Preparation of Ga Zeolites via Hydrogen Induced Solid-State Ion Exchange Between Ga₂O₃ and HZSM-5", Studies in Surface Science and Catalysis, **69**, 277-285 (1991).
 28. Y.H. Park and G.L. Price, "Potassium Promoter for Pd/Al₂O₃ Selective Hydrogenation Catalysts", Journal of the Chemical Society, Chemical Communications, **17**, 1188-1189 (1991).
 29. E. Iglesia, J. Baumgartner and G.L. Price, "Kinetic Coupling and Hydrogen Surface Fugacities in Heterogeneous Catalysis. I. Alkane Reactions on Te/NaX, H-ZSM5, and Ga/H-ZSM5", Journal of Catalysis, **134**, 549-571 (1992).
 30. G.L. Price "Analysis of Deuterium Content in Hydrocarbons via Capillary Chromatography", Chemical Engineering Communications, **111**, 107-120 (1992).
 31. Y.H. Park and G.L. Price, "Promotional Effects of Potassium on Pd/Al₂O₃ Selective Hydrogenation Catalysts", I&EC Research, **31**, 469-474 (1992).
 32. K.M. Dooley, C. Chang, and G.L. Price, "Effects of Pretreatments on State of Ga and Aromatization Activity of Ga/ZSM-5 Catalysts", Applied Catalysis, **A:84(1)**, 17-30 (1992).
 33. V. Kanazirev, G.L. Price, and G. Tyuliev, "XPS-Study on the Effect of Hydrogen Treatment on the State of Gallium in Ga₂O₃/HZSM-5 Mechanically Mixed Catalysts", Zeolites, **12**, 846-850 (1992).
 34. G.L. Price, V. Kanazirev, and K.M. Dooley, "Gallium-Containing Zeolite Catalysts", US# 5,149,679 (1992).
 35. G.L. Price, V. Kanazirev, and K.M. Dooley, "Gallium-Containing Zeolite Catalysts", European Patent Application PCT-US91-02482 (1993).
 36. K. Dooley, C. Chang, V. Kanazirev, and G. Price, "Pretreatment Effects on Active State and Aromatization Activity of Ga/ZSM-5 Catalysts", Studies in Surface Science and Catalysis **75**, 2415-2418 (1993).
 37. V. Kanazirev, K. Dooley, and G.L. Price, "Thermal Analysis of Adsorbed Propanamines for the Characterization of Ga-MFI Zeolites", Journal of Catalysis, **146**, 228-236 (1994).
 38. V. Kanazirev, G.L. Price, and K. Dooley, "Change in the Decomposition Mode of 1-Propanamine due to the Presence of Cations in MFI Zeolite", Catalysis Letters, **24**, 227-233 (1994).
 39. V. Kanazirev, G.L. Price, and K. Dooley, "On the Interaction of 1-Propanamine with Cation Containing MFI Zeolite", Journal of Catalysis, **148**, 164-180 (1994).
 40. V. Kanazirev and G.L. Price, "Activity of Ga, In and Cu Modified MFI Zeolites for Amine Reactions", in Zeolites and Related Microporous Material: State of the Art, J. Weitkamp, H.G. Karge, H. Pfeifer and W. Hoelderich (Eds.), Studies in Surface Science and Catalysis, **84**, 1935-1942 (1994).
 41. V. Kanazirev and G.L. Price, "Propane Conversion on Cu-MFI Zeolites", Journal of Molecular Catalysis A:Chemical, **96(2)**, 145 (1995).
 42. G.L. Price, V. Kanazirev and D.F. Church, "Formation of Cu-MFI NO Decomposition

- Catalyst via Reductive Solid State Ion Exchange", Journal of Physical Chemistry, **99**, 864 (1995).
43. G.L. Price, V. Kanazirev, and K.M. Dooley, "Characterization of [Ga]MFI via Thermal Analysis", Zeolites **15**, 725 (1995).
 44. K.M. Dooley, T. F. Guidry, and G.L. Price, "Control of Intrazeolitic Gallium Cation Content and It's Effects on C₂ Dehydrogenation in Ga-MFI Catalysts", Journal of Catalysis **157**, 66-75 (1995).
 45. V. Kanazirev and G.L. Price, "The Effect of O₂ on the Thermal Activation of Zeolite Beta", Journal of Catalysis **161**, 156-163 (1996).
 46. M. Stojanova, Chr. Karshalykov, G.L. Price, and V. Kanazirev, "On the Reactivity of H-, Ga- and Cu-MFI Zeolites towards t-Butyl Hydroperoxide (TBHP)", Applied Catalysis A **143**(1), 175 (1996).
 47. K.M. Dooley, G.L. Price, V.I. Kanazirev, and V.I. Hart, "Gallium-Loaded Zeolites for Light Paraffin Aromatization: Evidence for Exchanged Gallium Cation Active Centers", Catalysis Today **31**, 305 (1996).
 48. K.M. Dooley and G.L. Price, eds., "Gallium-loaded Zeolites and Related Systems", Catalysis Today **31**, (1996).
 49. K.M. Dooley and G.L. Price, "Prologue", Catalysis Today **31**, 189 (1996).
 50. G.L. Price and V. Kanazirev, "Copper-Containing Zeolite Catalysts", U.S. Patent #5,583,081 (1996).
 51. G.L. Price and V. Kanazirev, "Guest Ordering in Zeolite Hosts", Zeolites **18**, 33-37(1997).
 52. G.L. Price, V. Kanazirev, K.M. Dooley, and V.I. Hart, "On the Mechanism of Propane Dehydrocyclization over Cation-Containing, Proton-Poor MFI Zeolite", Journal of Catalysis, **173**, 17-27 (1998).
 82. T.F. Guidry and G.L. Price, "The Selective Dehydrogenation and Dimerization of Amines over Cu Containing MFI Zeolites" in Catalysis of Organic Reactions, F. E. Herkes, ed., Marcel Dekker, New York, pgs 601-606 (1998).
 83. G. Price, "Verification of FAU Synthesis", in Verified Synthesis of Zeolitic Materials, H. E. Robson, ed., Microporous and Mesoporous Materials **22**, 604-605 (1998).
 84. G. Price, "Verification of GIS Synthesis", in Verified Synthesis of Zeolitic Materials, H. E. Robson, ed., Microporous and Mesoporous Materials **22**, 610-611 (1998).
 85. G. Price, "Verification of MOR Synthesis", in Verified Synthesis of Zeolitic Materials, H. E. Robson, ed., Microporous and Mesoporous Materials **22**, 640-641 (1998).
 86. T.F. Guidry and G.L. Price, "The Conversion of 1-Propanamine on Copper-Containing MFI and BEA Zeolites Prepared by Aqueous and Vapor Ion-Exchange", Journal of Catalysis, **181**, 16-27 (1999).
 87. G.L. Price and T. F. Guidry, "Solid-State Preparation of Copper Zeolites", Proceedings of the 1999 AIChE Annual Meeting, paper # 281d (1999).
 88. G.L. Price, "Verified Synthesis of SUZ-4", in Verified Syntheses of Zeolitic Materials, 2nd ed, Robson, ed., Elsevier (2001).
 89. G. L. Price, "Copper zeolites considered for auto catalytic converters", Adv. Materials and Processes **159** (7), 21 (2001).
 90. A. Subbiah, B.K. Cho, R.J. Blint, G.L. Price, and J.E. Yie, "NO_x Reduction over Metal-Ion Exchanged Novel Zeolite under Lean Conditions: Activity and Hydrothermal Stability", paper

- # 342h, AIChE Annual Meeting, Reno, NV, November (2001).
91. A. C. Gujar and G. L. Price, "Synthesis of SUZ-4 in the K⁺/TEA⁺ system", Microporous and Mesoporous Materials **54**, 201-205 (2002).
 92. A. Subbiah, B.K. Cho, R.J. Blint, A. Gujar, G.L. Price, and J.E. Yie, "NO_x Reduction over Metal-Ion Exchanged Novel Zeolite under Lean Conditions: Activity and Hydrothermal Stability", Applied Catalysis B: Environmental **42**, 155-178 (2002).
 93. Amit Gujar, P. A. Coghill, and G. L. Price, "Adsorption-Desorption Studies on SUZ-4 Zeolite", proceedings of the 78th Annual Meeting of the SW and Rocky Mountain Division of the American Assoc. of the Adv. of Science, April, 2003.
 94. Gujar, Amit; Moye, Amol; Teeters, Dale; Roberts, Kenneth; Price, Geoffrey, "Spectroscopic investigation of the SUZ-4 zeolite", Abstracts, 59th Southwest Regional Meeting of the American Chemical Society, Oklahoma City, OK, United States, October 25-28 (2003).
 95. G.L Price, "Solid State Ion Exchange of Zeolites", COLL 172, The 227th ACS National Meeting, Anaheim, CA, March 28-April 1, 2004.
 96. A. C. Gujar, A. A. Moye, P. A. Coghill, D. C. Teeters, K. P. Roberts and G. L. Price, "Raman Investigation of the SUZ-4 zeolite", Microporous and Mesoporous Materials **78**, 131 (2005).
 97. G. L. Price, "Solid State Ion Exchange of Zeolites" in Catalyst Preparation, Science and Engineering, J. R. Regalbuto, ed., CRC Press, Boca Raton, FL, 2007.
 98. Noah I. Tracy, Daichuan Chen, Daniel W Crunkleton, and Geoffrey L Price, "Hydrogenated Monoterpenes as Diesel Fuel Additives", Fuel **88**, 2238–2240 (2009).
 99. Alex Aravanis, Jason Pyle, Geoffrey Price, and Daniel Crunkleton, "Methods for refining hydrocarbon feedstocks", PCT Int. Appl. WO 2009039015 (2009).
 100. Alex Aravanis, Jason Pyle, Geoffrey Price, and Daniel Crunkleton, "Methods of refining hydrocarbon feedstocks", UK Patent # GB2454853 (2010).
 101. Noah I. Tracy, Daniel W. Crunkleton, and Geoffrey L. Price, "Gasoline Production from Phytol", Fuel **89**, 3493 - 97 (2010).
 102. Daichuan Chen, Noah I. Tracy, Daniel W. Crunkleton, and Geoffrey L. Price, "Comparison of canola oil conversion over MFI, BEA, and FAU", Applied Catalysis A: General **384**, 206 - 12, (2010).
 103. Noah I. Tracy, Daniel W. Crunkleton and Geoffrey L. Price, "Catalytic Cracking Of Squalene To Gasoline-Range Molecules", Biomass and Bioenergy **35**, 1060 (2011).
 104. Alex Aravanis, Jason Pyle, Geoffrey Price, and Daniel Crunkleton, "Methods of refining hydrocarbon feedstocks", United States Patent 8,075,641, December 13, 2011.
 105. Jason Pyle, Alex Aravanis, Geoffrey Price, and Daniel Crunkleton, "Methods of refining hydrocarbon feedstocks", United States Patent 8,292,975, October 23, 2012.
 106. Geoffrey L. Price and Brian L. Goodall, Production of Aromatics from Renewable Resources, US Provisional Patent Application, filed Dec. 24, 2010.
 107. Geoffrey L. Price, "Chemical Engineering at the University of Tulsa", Chemical Engineering Education **46(1)**, 2-10 (2012).
 108. Yang He, Sean E. Barnes, Daniel W. Crunkleton, and Geoffrey L. Price; "Comparison of ginger oil conversion over MFI, BEA, and FAU", Fuel **96**, 469-75 (2012).
 109. Geoffrey L. Price, Brian L. Goodall, and Daniel J. Sajkowski, "Production of Aromatics from Renewable Resources", PCT Int. Appl. WO 2012/088546 (2012).
 110. Geoffrey L. Price, Brian L. Goodall, and Daniel J. Sajkowski, "Production of Aromatics from

- Renewable Resources”, US Patent Application # 20130289324 (2013).
111. Kightlinger, Weston, Kai Chen, Azadeh Pourmir, Daniel W. Crunkleton, Geoffrey L. Price, and Tyler W. Johannes, “Production and characterization of algae extract from *Chlamydomonas reinhardtii*.”, Electronic Journal of Biotechnology 17, 3 (2014).
 112. Kai Chen, Weston Kightlinger, Azadeh Pourmir, Daniel W. Crunkleton, Geoffrey L. Price, and Tyler W. Johannes, "Effects of Algae Extract on the Growth and Metabolism of *E. coli* and *S. cerevisiae*", Electronic Journal of Biotechnology 17 (2014) 14-18.
 113. G. L. Price, “Solid State Ion Exchange of Zeolites” in Catalyst Preparation, Science and Engineering, J. R. Regalbuto, ed., CRC Press, Boca Raton, FL, pg 283 (2016).
 114. Ramasubramanian V., Ramsurn, H. and Price, G., “Methane dehydroaromatization - A study on hydrogen use for catalyst reduction, role of molybdenum, the nature of catalyst support and significance of Bronsted acid sites”, Journal of Energy Chemistry 34, 20 (2019).
 115. Ramasubramanian V., Lienhard DJ, Ramsurn H, Price G. L., “Effect of Addition of K, Rh and Fe Over Mo/HZSM-5 on Methane Dehydroaromatization Under Non-oxidative Conditions”, Catalysis Letters 149, 950-64 (2019).
 116. Ramasubramanian V., Ramsurn, H. and Price, G., “Hydrogen production by catalytic decomposition of methane over Fe based bi-metallic catalysts supported on $\text{CeO}_2\text{-ZrO}_2$ ”, International Journal of Hydrogen Energy 45, 12026 (2020).