

**BOARD OF SUPERVISORS FOR THE  
UNIVERSITY OF LOUISIANA SYSTEM**

**PERSONNEL COMMITTEE**

**April 24, 2025**

- Item I.1.**      **McNeese State University's** request for approval to appoint Dr. Nikos Kiritsis as Interim Dean and Professor of the College of Science, Engineering, and Mathematics, and Director of The Institute for Industry – Education Collaboration (IIEC) March 1, 2025.

**EXECUTIVE SUMMARY**

The University requests approval to appoint Dr. Nikos Kiritsis as Interim Dean and Professor of the College of Science, Engineering and Mathematics, and Director of The Institute for Industry – Education Collaboration (IIEC) effective March 1, 2025, at an annual salary of \$120,000.

**RECOMMENDATION**

It is recommended that the following resolution be adopted:

***NOW, THEREFORE, BE IT RESOLVED,** that the Board of Supervisors for the University of Louisiana System hereby approves McNeese State University's request for approval to appoint Dr. Nikos Kiritsis as Interim Dean and Professor of the College of Science, Engineering and Mathematics, and Director of The Institute for Industry – Education Collaboration (IIEC) effective March 1, 2025.*



OFFICE OF THE PRESIDENT

MCNEESE STATE UNIVERSITY

WADE ROUSSE, PhD

*Via Electronic Transmittal Only*

April 1, 2025

President Richard J. Gallot, Jr.  
University of Louisiana System  
1201 North Third Street, Suite 7-300  
Baton Rouge, LA 70802

Dear President Gallot:

McNeese State University requests consideration and approval of the following to be placed on the agenda for the April 24, 2025 meeting of the Board of Supervisors:

*Appoint Dr. Nikos Kiritsis, Interim Dean, Director of IIEC and Professor of the College of Science, Engineering, and Mathematics*

Thank you for your assistance in this matter.

Sincerely,

Wade Rousse, PhD  
President

Attachment

**NIKOS KIRITSIS, Ph.D.**  
**Demokratias 5, Perea, 57019 Greece**  
**Greek Tel: +30 6986069635, USA Tel: +1 (337) 309-9967**  
**E-mail: [kirnikos1@gmail.com](mailto:kirnikos1@gmail.com)**

## EDUCATION

Ph.D. in Mechanical Engineering, August 1999, University of Texas at Austin, Austin, Texas.  
 M.S. in Mechanical Engineering, June 1989, The Ohio State University, Columbus, Ohio.  
 B.S.E. in Engineering Physics, June 1987, Wright State University, Dayton, Ohio.  
 B.S. in Physics, June 1987, Wright State University, Dayton, Ohio.

## PROFESSIONAL REGISTRATION

12/91 – 12/97      Certified Manufacturing Technologist (CMFGT), Society of Manufacturing Engineers.  
 1/90 - present      Engineer In Training (EIT), Board of Registration for Professional Engineers and Surveyors, State of Ohio.

## CERTIFICATIONS

6/2012      Incubator Management, National Business Incubation Association (NBIA)  
 1/2008      Institute for the Development of Excellence in Assessment Leadership (IDEAL), ABET Inc., (Accreditation Board for Engineering and Technology)

## UNIVERSITY EXPERIENCE

4/21 – 9/21      **Provost**, Perrotis College, American Farm School of Thessaloniki, Greece, College offers the following programs:

- Bachelor of Science (B.Sc.) in Sustainable Agriculture and Management, Food Science and Technology, International Business, Environmental Science, and a Bachelor of Arts (B.A.) in Digital Marketing Management
- Master of Science (M.Sc.) in New Food Product and Business Development, Marketing for the Agro-Food Sector, Sustainable Agriculture and Management

2/10 – 4/21      **Founder and Executive Director, Institute for Industry-Education Collaboration (IIEC)**, McNeese State University. IIEC provides professional development and training to business and industry personnel. IIEC generates an average income for the university around \$400,000 per year (<https://www.mcneese.edu/iiec>). As of February 2020, IIEC has offered 445 courses, attended by 5,199 people, for a total of 11,376 face-to-face hours of instruction.

7/19 – 4/21      **Executive Director**, STEM Recruiting and Development, College of Science, Engineering and Mathematics, McNeese State University.

8/08 - 4/21      **Professor of Mechanical Engineering**, Department of Chemical, Civil and Mechanical Engineering, McNeese State University. Courses taught:

- Introduction to the College of Engineering (ENGR 100 and CSCI 100)
- Introduction to Engineering (ENGR 110)
- Statics (ENGR 201), Dynamics (ENGR 202)
- Strength of Materials (ENGR 205)
- Fluid Mechanics (ENGR 311 and lab)
- Engineering Measurements (ENGR 318)
- Systems and Controls (ENGR 430)
- The Engineering Profession (ENGR 433)
- Systems and Control Laboratory (ENGR 475)
- Engineering Material Laboratory (MEEN 316)

- Mechatronics Laboratory (MEEN 412)
  - Mechanical Vibrations (MEEN 414)
  - Virtual Instrumentation (ENGR 418/518)
  - Modeling and Analysis of Dynamic Systems (MEEN 560)
  - Advanced Dynamics Modeling and Analysis (MEEN 627)
- 8/06 – 7/19 **Dean, College of Engineering and Computer Science**, McNeese State University. College offered the following programs:
- Bachelor of Science in Mechanical Engineering (B.S.M.E.) degree.
  - Bachelor of Science in Engineering (B.S.E.) degree with concentrations in Chemical, Civil, Computer, Electrical, Mechanical Engineering
  - Bachelor of Science in Computer Science (B.S.C.S.) with concentrations in General, Applied, and Industrial Computer Science
  - Master of Engineering (M.E.) with concentrations in Chemical, Civil, Electrical, and Mechanical Engineering
- 8/11 – 7/19 **Student Appeals Coordinator**, Reviewed and approved/denied all financial aid and academic appeals from students in the College of Engineering and Computer Science.
- 4/11 – 6/17 **Founder and Co-Director**, McNeese State University Innovation Center. Courses taught:
- Innovation Engineering I - Create (INOV 180).
- 2/10 – 8/16 **Co-Executive Director, Industrial Executives and Academic Group** (collaborative agreement with La Ash Inc.), McNeese State University.
- 3/06 – 7/06 **Director, Louisiana Environmental Research Center**, McNeese State University.
- 8/05 – 7/06 **Interim Director, Office of Research Services and Sponsored Programs**, McNeese State University.
- 8/03 – 7/08 **Associate Professor of Mechanical Engineering**, Engineering Department, McNeese State University (see cumulative list of courses taught above).
- 8/99 – 7/03 **Assistant Professor of Mechanical Engineering**, Engineering Department, McNeese State University (see cumulative list of courses taught above).
- 1/02 – 6/19 **Co-op Director**, Engineering Program, McNeese State University.
- 8/94 - 8/99 **Adjunct Instructor**, Austin Community College, Rio Grande Campus, Austin, Texas, Department of Physics and Astronomy. Courses taught:
- Introduction to Engineering (ENR 1212)
  - Engineering Mechanics I (ENR 2414)
  - Mechanics of Materials (ENR 2434)
- 1/98- 6/99 **Adjunct Instructor**, Mechanical Engineering Department, University of Texas at Austin, Austin, Texas. Courses taught:
- Numerical Analysis (ME 318)
  - Machine Elements (ME 338)
- 1/98- 8/99 **Research Assistant**, Mechanical Engineering Department, University of Texas at Austin, Austin, Texas.
- Research area: Modeling of Microdialysis Processes with Bond Graphs
- 8/96- 12/97 **Computer Specialist**, Mechanical Engineering Department, University of Texas at Austin. Provided computer software and hardware support to Mechanical Engineering Department faculty.
- 8/94- 5/96 **Teaching Assistant**, Mechanical Engineering Department, University of Texas at Austin. Course taught:
- Dynamics Systems Laboratory (ME 144L)
- Summers 95-97 **Director**, Summer Science Camp for Minority Students, University of Texas Pan American, Edinburg, Texas.
- 8/91 - 8/94 **Lecturer**, University of Texas Pan-American, Edinburg, Texas, Engineering Department. Courses taught:
- General Physics I and II,
  - Engineering Statics
  - Engineering Dynamics

- Introduction to Engineering, Mechanics of Solids
  - Measurements and Instrumentation
  - Basic Mathematics
  - Intermediate Mathematics
- 1/93 - 7/93 **Adjunct Instructor**, The University of Texas at Brownsville, Brownsville, Texas, Mathematics Department. Courses taught:
- Basic Mathematics
  - College Algebra
  - Physical Science
- Summers 91-94 **Instructor**, University of Texas Pan-American, Edinburg, Texas, TexPREP Project. Courses taught:
- General Physics
  - Introduction to Engineering
  - Optics
- 6/89 - 5/91 **Research Assistant**, Aeronautical and Astronautical Engineering Department, The Ohio State University.
- Research area: Magneto Plasma Dynamic (MPD) Thrusters
- 9/87 - 6/89 **Research and Teaching Assistant**, Mechanical Engineering Department, The Ohio State University.
- Research area: Particle Image Velocimetry (PIV)
- 1/85 - 6/87 **Teaching Assistant and Tutor**, Mechanical Systems Engineering and Physics Departments, Wright State University. Course taught:
- Fluid Mechanics Laboratory
  - General Physics Laboratory

## UNIVERSITY SERVICE

- Various **Engineering Program Accreditation**, Lead successful 6-year ABET Engineering Accreditation Commission efforts for the Bachelor of Science in Engineering Degree with concentrations in Chemical, Civil, Computer, Electrical and Mechanical Engineering (9/2005 – 9/2010), (9/2010 – 9/2016), (9/2016 – 9/2022).
- Various **Computer Science Accreditation**, Lead successful ABET Computer Science Accreditation Commission effort for the Bachelor of Science in Computer Science Degree (9/2015 – 9/2019, 4-years), (8/2019 – 9/2025, 6-years).
- 9/08 – 8/09 **Technology Program Accreditation**, Lead successful 6-year ABET Technology Accreditation Commission effort for the Associate of Science and Bachelor of Science in Engineering Technology Degree with concentrations in Electronics, Instrumentation and Process Plant Technology Bachelor of Engineering Degree (8/2009 – 9/2015).
- 8/18 – 6/19 **College of Engineering and Computer Science Ambassador Program**, Created and organized a K-12 outreach program staffed by College students (ongoing).
- 5/18 – Present **Computer Science Outreach**, Initiated a partnership with CODE.ORG to promote computer science and computing to K-12 schools.
- 8/16 – Present **Committee Member**, Chamber Southwest Louisiana Education and Workforce Committee representing McNeese State University.
- 8/15 – 8/17 **Fundraising**, Solicited donations from business and industry (scholarships, student programs), organized and executed a program to raise funds for the College of Engineering and Computer Science Student Study Center. The Westlake Chemicals Student Study Center is currently under construction with a budget of about \$900,000.
- 8/12 – 12/17 **College of Engineering and Computer Science Tailgate Program**, Established a student engagement program around tailgating during football home games.
- 8/12 – 8/17/2014 **Nautilus Ambassador**, Sailed from Belize City, Belize to Montego Bay, Jamaica aboard the E/V Nautilus Research Vessel sponsored by Citgo Petroleum Corporation.
- 8/08 – 9/09 Lead successful 6-year ABET/Technology Accreditation Commission Efforts (8/2005 – 9/2010), (8/2010 – 9/2016), (8/2016 – 9/2022).

5/07 - Present	<b>Model Industrial Plant</b> , Established a working laboratory for teaching and training that includes a Hands On Trainer (HOT, 2011) a Glycol – Water Distillation Column controlled by an Emerson Delta V (2010), and a Natural Gas Power Plant with two 65 kiloWatt Capstone Integrated Combined Heat and Power (ICHP) Microturbines controlled by an ABB 800xA distributed control system (2016).
8/06 – 6/19	<b>Louisiana Council of Engineering Deans</b> , Member.
8/06 – 5/19	<b>Engineering Banquet Coordinator</b> , Organized an annual event for Lake Area engineers and McNeese students during the National Engineers Week.
8/06 – 5/16	<b>National Society of Black Engineers (NSBE)</b> , Served as the Faculty Advisor.
8/03 – Present	<b>Board Member</b> , Lake Area Industries / McNeese Engineering Partnership (LAI/MEP).
9/00 – 5/19	<b>Order of the Engineer</b> , Established Link 176 at McNeese State University, Served as Link Governor, September 2000.
9/00 – 5/19	<b>Engineers Week</b> , Organized multiple activities to celebrate the engineering profession including a College Open House, student competitions, etc.
8/06 - Present	<b>Recruiting Program</b> , Organized a domestic and international recruiting program and developed materials to promote the College offerings (ongoing).
May 2006	<b>Faculty Recognition Luncheon</b> , Recognized faculty awarded external grants over \$10,000 during the 2004 – 05 academic year.
Various	<b>Laboratory Development</b> , Established the following university laboratories: <ul style="list-style-type: none"> <li>• Engineering Measurements Laboratory (2000)</li> <li>• Systems and Control Laboratory (2001)</li> <li>• Fluid Mechanics Laboratory (2003)</li> <li>• Fundamental Electrical Engineering Laboratory (2007)</li> <li>• Motors and Rotation Machinery Laboratory (2009)</li> <li>• Freshman Engineering Experiments for the Introduction to Engineering (ENGR 110) course (2019 – 20)</li> </ul>
Various	<b>Fundamentals of Engineering (FE) Exam Review Instructor</b> , Taught discipline specific and general engineering review courses to McNeese State University engineering students preparing for the FE exam: <ul style="list-style-type: none"> <li>• Engineering Statics (Fall 2001)</li> <li>• Engineering Dynamics (Spring 2002)</li> <li>• Machine Design (Fall 2002)</li> <li>• Strength of Materials (Spring 2003)</li> </ul>
Various	<b>Lake Area Industries / McNeese Engineering Partnership (LAI/MEP) Seminar Coordinator</b> , Organized multiple training seminars for industry 2000 – 2004.

## CONSULTING

8/06 – 4/17	<b>Institute for Industry – Education Collaboration, McNeese State University</b> , Taught a course twice per year on "Ethics for Registered Engineers and Surveyors."
2/2 – 2/8/2015	<b>Hampden Engineering Corporation, East Longmeadow, MA</b> , Set up new laboratory equipment and trained trainers for AbleCare Oilfield Services in Valetta, Malta.
1/29 – 1/30/2010	<b>Department of Defense</b> , Participated in a Science, Mathematics & Research Transformation (SMART) Scholarship panel.
6/03 – 7/03	<b>CITGO Petroleum Corporation</b> , Taught an "Oil Analysis" course to engineers and technicians.
6/03	<b>McNeese State University Continuing Education</b> , Taught a "Friendly Introduction to Microcontrollers" course local junior high school students under the College for Kids outreach program.
9/02 - 11/02	<b>McNeese State University Continuing Education</b> , Taught a "Machinery Vibration Analysis I" course to engineers and technicians from Southwest Louisiana industries.
8/01 - 11/01	<b>Global Industries, Ltd., Carlyss, LA</b> , Taught an "Offshore Structural Engineering" course to engineers.
Various Dates	<b>National Science Foundation, Washington, DC</b> , Served on multiple review panels to evaluate proposals submitted under the following programs:

- Course Curriculum and Laboratory Improvement (CCLI A&I and EMD tracks)
  - Advanced Technological Education (ATE)
  - Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)
  - Research Experiences for Undergraduates (REU) – Mechanical Engineering
  - Graduate Teaching Fellows in K-12 Education (GK-12)
  - Graduate Research Fellowship Program (GRFP), Engineering (ENG), Computer and Information Science and Engineering (CISE) sub-panels
  - Academies for Young Scientists (AYS)
  - Discovery Research K-12 (DR K-12)
  - Information Technology Experiences for Students and Teachers (ITEST)
  - Faculty Early Career (CAREER)
  - Science, Technology, Engineering, and Mathematics Talent Expansion Program Centers (STEP Centers)
- 11/00 - 9/01      **Global Industries, Ltd., Carlyss, LA**, Performed an experimental investigation of stress-strain characteristics of an underwater pipeline during the spooling process on a lay barge.
- 8/1 – 8/9 1994      **University of Texas Pan American**, Taught a Space Science Course for Secondary Education Teachers.
- 1/93 – 5/93      **Edinburg Consolidated Independent School District, Edinburg, TX**, Consulting Services to support the Attracting and Retaining Quality Teacher Education Candidates (ARQTEC) Project II.

#### **MCNEESE STATE UNIVERSITY COMMITTEES**

- President's Academic Advisory Council, 2006 - 2019.
- VPAA's Academic Advisory Council, 2006 - 2019.
- Master Facilities Planning Committee, Fall 2018 (ad hoc).
- Noel Levitz Strategic Enrollment Planning Steering Committee, 2018 - 19 (ad hoc).
- Shearman Research Initiative Fund Committee Chair, 2007.
- College of Engineering and Computer Science Faculty Search Committee, Chair from 2006 - 19.
- Institutional Review Board (IRB), 2004 – 06.
- Faculty Advising Committee, 2003 – 04.
- Grade Appeals Committee, 2002 – 03.
- Tenure, Termination and Demotion Committee, 2001 – 02, 2003 – 04.
- Honorary Degree Committee, 2000 – 01.
- College of Engineering and Engineering Technology Spruce-Up Committee, 2000 - 01.
- Faculty Senate, 2001-02, 2000-01, 1999 - 2000.
- Graduate Council, 1999 - 2006.

#### **FUNDRAISING FOR THE COLLEGE OF ENGINEERING (solicited funds)**

- McNeese STEM Academy, June 2019.
  - Phillips 66 - \$20,000
  - Sasol North America - \$15,000
  - Lotte Chemical \$2,500
  - Suddenlink - \$1,400
  - The Brown Foundation of New Orleans - \$12,500, February 2020.
- Engineering Industrial Advisory Board, \$20,000, 2<sup>nd</sup> Endowed Scholarship, November 2018.
- P66, \$25,000, College of Engineering and Computer Science, January 2018.
- Engineering Industrial Advisory Board, \$20,000, 1<sup>st</sup> Endowed Scholarship, November 2017.
- College of Engineering and Computer Science Student Study Center, 2015 - 17.
  - Westlake Chemical - \$165,000

- Company donations - about \$42,500
  - Donations by Individuals – about \$20,000
- CB&I, \$20,000, Endowed Engineering Scholarship, July 2016.
- Brask Inc., \$20,000, Endowed Engineering Scholarship, March 2014.
- Kiritsis/Saenz Memorial Endowed Scholarship, \$40,000.
- Alcoa Foundation, \$5,000, College of Engineering Endowment, August 2008.

### **INTERNATIONAL SUMMER PROGRAMS**

- "Crocodilian Biochemistry, Engineering, Forensics, Agriculture, and English Summer Residential Programs," McNeese State University, high school students from Greece, Romania, Moldova, UAE, and USA, three weeks during the summers of 2011, 2013, 2014, 2015, 2016, 2017, 2018, and 2019.

### **REGIONAL CONFERENCE ORGANIZATION**

- Organized the American Society for Engineering Education, Gulf Southwest Annual Conference, Lake Charles, Louisiana, March 24 – 26, 2010.

### **STUDENT RECRUITING ACTIVITIES**

- Science and Engineering Fair Judge, Kenliworth Science and Technology School, Baton Rouge, LA December 7, 2019.
- STEM Recruiting Tent at the Chennault International Airshow, Lake Charles, LA, May 2019 and 2017.
- Multiple Southwest Louisiana and Southeast Texas high school, middle school and elementary school visits to the College of Engineering and Computer Science at McNeese State University.
- Multiple high school, middle school, and elementary school visits and college fairs in Southwest Louisiana and Southeast Texas.
- San Mateo County Community College District (Canada College, College of San Mateo, Skyline College), Silicon Valley, California, April 9 – 11, 2019.
- Multiple recruiting visits to Baton Rouge Community College, LA, Brazosport College, TX, Del Mar College, TX, Houston Community College, TX, Lamar State College in Orange, TX, Lee College, TX, Lone Star Community College, TX, Louisiana State University at Eunice, LA, Louisiana State University at Alexandria, LA, Nunez Community College, LA, River Parishes Community College, LA, South Louisiana Community College, LA, SOWELA, LA, Victoria College TX.
- International visits to universities, community colleges, private and public high schools, and other institutions in: Albania (2018), Bahrain (2018), Canada (2015), China (2014), Dominican Republic (2019), Greece (multiple years), Kazakhstan (2014), Kuwait (2014), Lebanon (2018), Mozambique (2018), Qatar (2014), Romania (2007), Saudi Arabia (2018), Scotland (2011), Turkey (2014), United Arab Emirates (2014), and Vietnam (2015, 2019).
- National Association for College Admission Counseling (NACAC), STEM College and Career Fair, Houston, TX, November 2018, 2017 and 2016.
- Visit at the Saudi Arabia Cultural Mission, Washington, DC, December 7 – 8, 2010.

### **K- 12 PROGRAMS**

- Trained Our Lady Queen of Heaven 1<sup>st</sup> through 8<sup>th</sup> grade teachers on "Engineering is Elementary" and "Engineering Everywhere" modules, August 14<sup>th</sup>, 2020.
- Designed and administered the after-school McNeese STEM Academy for 1<sup>st</sup> through 8<sup>th</sup> grade students, Fall 2019, Spring 2020 (1.5 hours per week, 11 weeks).
- Designed and administered the McNeese STEM Academy for 1<sup>st</sup> through 8<sup>th</sup> grade students, May 29 – August 9, 2019 (8 hours per day, 5 days per week, 11 weeks).
- Organized the "Engineering is Elementary Teacher Training" by the Boston Museum of Science, Lafayette, LA, May 13 – 15, 2019.

- Designed and administered the Engineering Challenge for 5<sup>th</sup> graders during the National STEM Day celebration organized by Citgo Petroleum Corporation, November 2018, 2017.
- Initiated the "Engineering Adventures" after-school program for 3<sup>rd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> graders from public, private, and home school students. Started with 25 students in 2015, currently servicing 1,500+ students in Calcasieu Parish using "Engineering Adventures" and the "Engineering is Elementary" in school program.
- Sponsored and Coordinated National Engineering Design Challenge (NEDC) teams, Junior Engineering Technical Society (JETS), University of Texas Pan American, 1994, 1993, and 1992.
- Hosted Tests of Engineering Aptitude, Mathematics and Science (TEAMS), Junior Engineering Technical Society (JETS), University of Texas Pan American, 1994 and 1993.
- Participated in University Outreach activities organized by a collaborative program between Texas A&M University and the University of Texas at Austin, University of Texas Pan American, 1993.

**FUNDED PROGRAMS BY MCNEESE STATE UNIVERSITY (institutional) (Technology Assessment Student Committee [TASC] to expand the capabilities of the College of Engineering and Computer Science)**

- Year 2017 – 18, \$76,167
- Year 2016 – 17, \$54,000
- Year 2015 – 16, \$139,481
- Year 2014 – 15, \$126,600
- Year 2013 – 14, \$81,425
- Year 2010 – 11, \$50,034
- Year 2009 – 10, \$150,000
- Year 2008 – 09, \$90,000
- Year 2007 – 08, \$131,059

**FUNDED PROGRAMS / GRANTS BY MCNEESE STATE UNIVERSITY (personal)**

- Technology Assessment Student Committee (TASC), Smoke Generator for the ENGR 312 – Fluid Mechanics Laboratory, November 2005, \$5,270.
- Technology Assessment Student Committee (TASC), Improvement of the ENGR 312 – Fluid Mechanics Laboratory, November 2004, \$42,190, PI: Dr. Bruce Savage.
- Technology Assessment Student Committee (TASC), Improvement of the MEEN 316 – Strength of Materials Laboratory, November 2004, \$3,650.
- Gaming Revenue Fund, Improve Instruction in MEEN 316, ENGR 318, ENGR 418/518, ENGR 475 and MEEN 412, November 2004, \$6,135.
- Technology Assessment Student Committee (TASC), Improve Instruction Through Technology, November 2003, \$6,602.
- Gaming Revenue Fund, Alterations in the Engineering and Technology Laboratory (ETL) Building, September 2003, \$11,126.
- H. C. Drew Endowment, National Center of Excellence in Safety Technology Education, May 2002, \$6,600, write a proposal to the National Science Foundation.
- Shearman Research Initiative Fund, "Reverse Engineering Approach Curriculum in Teaching (REACT)", April 2002, \$1,500, seed money to initiate the program.
- Gaming Revenue Fund, The Working Demonstrations Program, November 2001, \$12,572.
- Shearman Research Initiative Fund "The Smart House", April 2000, \$2,000, seed money during the initial phase of the "Smart House" development.

**EXTERNALLY FUNDED GRANTS**

- U. S. Department of Labor, Workforce Opportunity for Rural Communities (WORC), "Louisiana Rural Nursing Development (LA-RND)," September 2020, \$1,458,203, PI: Ms. Becky Riley, Primary Author: Nikos Kiritsis.

- State of Louisiana, Southwest Louisiana Regional STEM Center, August 2020, \$100,000 to fund 1<sup>st</sup> year of operation, PI: Mr. Mark Arsenault.
- The Joe W. and Dorothy Dorsett Brown Foundation of New Orleans, \$12,500 to support students in the Summer STEM Academy, April 2021 and 2020.
- CODE.ORG a Washington State nonprofit corporation, July 2019, \$29,000 to support teacher travel to training sessions.
- CODE.ORG a Washington State nonprofit corporation, June 2018 – May 2021, \$293,740, to promote computing and computer science in Louisiana K-12 education, Co-PIs: Dr. Matthew Aghili, Dr. Cate Anderson.
- Economic Development Administration (EDA), US Department of Commerce, "EDA University Center," August 2013-18, \$512,950, selected as PI during the 3<sup>rd</sup> year of the grant.
- Axiall Corporation, Naturelab – A Classroom in the Woods, April 2016 – March 2017, \$65,860.
- State of Louisiana, Workforce Innovation for a Stronger Economy (WISE), July 2016, \$358,581 to increase degree and certificate production in high demand fields.
- Axiall Corporation, Naturelab – A Classroom in the Woods, April 2015 – March 2016, \$65,860.
- National Oceanic and Atmospheric Administration (NOAA), Calcasieu-Cameron Environmental Explorers, May 2015, \$99,806, Co-PI: Mr. Gary Kratzer, Dr. Caroline Hennigan, Mrs. Lori McGee.
- Axiall Corporation, Naturelab – A Classroom in the Woods, April 2014 – March 2015, \$65,860.
- PPG Industries, Naturelab – A Classroom in the Woods, April 2013 – March 2014, \$59,000.
- Louisiana Business Incubator Association, McNeese State University Student Business Incubator in the Innovation Center, September 2012, \$15,000, Co-PI: Ms. Janet Woolman.
- PPG Industries, Naturelab – A Classroom in the Woods, April 2012 – March 2013, \$55,000.
- State of Louisiana, LA GEAR UP Science Explorer Camp, March 2012, \$86,683 to develop and organize two, one-week long Space Science camps for 9<sup>th</sup> and 10<sup>th</sup> graders.
- State of Louisiana, LA GEAR UP Science Explorer Camp, March 2011, \$103,061 to develop and organize two, one-week long Space Science camps for 8<sup>th</sup> and 9<sup>th</sup> graders.
- National Science Foundation – Course Curriculum and Laboratory Improvement, A Model Portal for Pre-Engineering, April 2010, \$248,211.
- State of Louisiana, LA GEAR UP Science Explorer Camp, December 2009, \$154,542 to develop and organize three, one-week long Space Science camps for 8<sup>th</sup> and 9<sup>th</sup> graders.
- State of Louisiana, Updating the Motors and Rotation Machinery Laboratory, April 2009, \$94,943 matched with \$18,000 from McNeese State University.
- State of Louisiana, Research Commercialization / Educational Enhancement Program, Support for Educational and Economic Development in Southwest Louisiana (SEEDS-LA). June 2007, \$2,700,000.
- State of Louisiana, Pre-Katrina Support Fund Initiative, Mentoring Program, May 2007, \$167,000, PI: Dr. Harold Stevenson.
- State of Louisiana, Enhancement the Infrastructure of Fundamental Electrical Engineering Laboratory, April 2007, \$84,634 matched with \$8,000 from McNeese State University, PI: Dr. Jim Dennison.
- National Science Foundation – E-STEM Scholarships (#0630848), Engagement in the Science, Technology, Engineering and Mathematics Disciplines, September 2006, \$496,800, PI: Dr. Harold Stevenson.
- State of Louisiana, Expanding the Capabilities of the Engineering Department Through the Addition of 3D Solids Modeling, April 2006, \$43,200 matched with \$2,400 from McNeese State University, PI: Dr. Bruce Savage, changed PI to Dr. Nikos Kiritsis upon Dr. Savages' separation from the university.
- National Science Foundation – Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP #0525334), Community Based STEM Education Initiative, September 2005, \$1,129,996.
- State of Louisiana, LA GEAR UP Science Explorer Camp, May 2005, \$110,000 to develop and organize three one week-long Forensic Science camps for 8<sup>th</sup> and 9<sup>th</sup> graders.
- National Science Foundation – Advanced Technological Education (Articulation Partnerships #0402167) – The Gulf Coast Technology Articulation Partnership (GC-TAP), August 2004, \$299,998, PI: Dr. John Galitos, Houston Community College.

- State of Louisiana, Enhancement of the Fluid Mechanics Laboratory, April 2003, \$119,500 for one year matched with \$39,119 from McNeese State University.
- State of Louisiana, Travel Grant for Emerging Faculty (TGEF), March 2003, \$750 to visit program directors at the National Science Foundation.
- State of Louisiana, Graduate Fellowship in Engineering, May 2002, \$28,000, PI: Dr. Omar Barkat.
- State of Louisiana, Enhancement of the Systems and Control Laboratory, May 2001, \$82,550 for one year matched with \$5,965 from McNeese State University and \$22,095 from National Instruments Inc. Co-PI: Dr. Therrill Valentine.
- State of Louisiana, Enhancement of the Engineering Measurements Laboratory, May 2000, \$70,229 matched with \$23,649 from McNeese State University and \$7,680 from National Instruments Inc.
- Mini-Grant Program, "Mathcad Primer for Introductory Engineering Courses," Austin Community College, April 1995, \$1,400.
- National Science Foundation - Human Resources Development, "Summer Science Camp for Minority Students (SSC)," a three-year grant awarded on July 1994, \$187,400 matched with \$37,421 from the Edinburg Consolidated Independent School District.
- National Science Foundation Instrumentation and Laboratory Development (ILI), "Undergraduate Computing Laboratory Development," July 1994, \$100,000 matched with \$105,000 from the University of Texas Pan American.
- Texas Space Grant Consortium, "Space Science Course for Secondary Education Teachers," May 1994, \$8,368.
- National Science Foundation - Alliance for Minorities Participation (AMP) - Student Project, June 1993, \$7,000.
- National Science Foundation - Instrumentation and Laboratory Improvement (ILI) - Fluid Mechanics Laboratory Development, July 1992, \$89,569 matched with \$89,569 from the University of Texas Pan American. Co-PI, PI: Dr. R. Fred Rolsten.
- Society of Manufacturing Engineers (SME) Foundation - Capital Equipment, May 1992, \$15,000 matched with \$47,000 from the University of Texas Pan American. Co-PI, PI: Dr. R. Fred Rolsten.
- Society of Manufacturing Engineers (SME) Foundation - Student Recruiting, May 1992, \$2,500 matched with \$2,500 from the University of Texas Pan American, Co-PI, PI: Dr. R. Fred Rolsten.

#### **FUNDED INCUMBENT WORKER TRAINING PROGRAM (IWTP) GRANTS, State of Louisiana.**

- Louisiana Workforce Commission grant supporting the following companies:
  - Sasol North America Lake Charles Manufacturing Complex,
    - \$1,691,463 - February 2020
    - \$963,468 - September 2018
    - \$957,303 - July 2016.
  - Firestone, \$380,427 - July 2015.
  - MeadWestvaco, \$701,278 - July 2010.

#### **CONFERENCES / MEETINGS ATTENDED**

- 3<sup>rd</sup> Annual Louisiana STEM Statewide Summit, Louisiana Board of Regents, Baton Rouge, LA, October 28 – 29, 2020 (virtual).
- Council for the Advancement and Support of Education (CASE), "Principal Gifts & Stewardship," virtual conference, August 20, 2020 (virtual).
- 3<sup>rd</sup> Annual "For Our Future Conference", University of Louisiana System, University of Louisiana at Monroe, Monroe, LA, January 30 – 31, 2020.
- Louisiana STEM Quarterly Committee Meetings, Baton Rouge, LA, 2019, 2020 (virtual).
- 2<sup>nd</sup> Annual Louisiana STEM Statewide Summit, Louisiana Board of Regents, Baton Rouge, LA, November 7, 2019 (virtual).
- CODE.ORG, CSEdCon Conference, Las Vegas, NV, September 9 – 13, 2019.
- CODE.ORG, Facilitator Summit, Atlanta, GA, May 17 – 19, 2019.

- Gulf-South Rotating Machinery Symposium (GSRMS), LSU Continuing Education, Baton Rouge, LA, April 22 – 24, 2019.
- ABB Customer World, Houston, Texas, March 4 – 6, 2019.
- 2<sup>nd</sup> Annual "For Our Future Conference", University of Louisiana System, University of Louisiana at Lafayette, Lafayette, LA, February 14 – 15, 2019.
- Conference for Industry and Education Collaboration (CIEC), American Society for Engineering Education (ASEE), New Orleans, LA, January 30 – February 1, 2019.
- Council for Advancement and Support of Education (CASE), Development for Deans and Academic Leaders Conference, Chicago, IL, November 5 – 7, 2018.
- CODE.ORG, Fall Summit, Dallas, TX, September 9 – 12, 2018.
- 1<sup>st</sup> Annual Louisiana STEM Statewide Summit, Louisiana Board of Regents, Baton Rouge, LA, September 6 – 7, 2018.
- ABET Summer Commission Meeting (Computer Science Program prospective accreditation visit), ABET Inc., Baltimore, MD, July 20, 2018.
- Offshore Technology Conference (OTC), Houston, TX, May 2018.
- Engineering Deans Institute (EDI), American Society for Engineering Education (ASEE), New Orleans, LA, April 8 – 10, 2018.
- Gulf-South Rotating Machinery Symposium (GSRMS), LSU Continuing Education, Baton Rouge, LA, April 2018.
- Louisiana Association of Continuing Higher Education Meeting, Alexandria, LA, February 23, 2018.
- 1<sup>st</sup> Annual "For Our Future Conference", University of Louisiana System, University of Louisiana at Monroe, Hammond, LA, January 1 – February 2, 2018.
- Kern Entrepreneurial Engineering Network (KEEN) National Conference, Dallas, TX, January 3-5, 2018.
- Offshore Technology Conference (OTC), Houston, TX, May 2017.
- 28<sup>th</sup> Annual Rotating Equipment and Vibration Analysis Seminar, Beaumont, TX, April 11, 2017.
- Gulf-South Rotating Machinery Symposium (GSRMS), LSU Continuing Education, Baton Rouge, LA, April 2017.
- ABB Customer World, Houston, Texas, March 16, 2017.
- Economic Development Administration Austin Region University Center Conference, Louisiana Tech University, Ruston, LA, March 8 – 10, 2017.
- Louisiana Workforce Symposium, Baton Rouge, LA, December 16, 2016.
- Louisiana Engineering Deans Council Joint Meeting with the Louisiana Professional Engineering and Land Surveying Board (LAPELS), Baton Rouge, LA, March 12, 2016
- North American Process Technology Alliance (NAPTA) Conference, New Orleans, LA, September 20 – 21, 2016.
- University – Industry Interaction Conference, Amsterdam, The Netherlands, June 1 – 3, 2016.
- Louisiana STEM Expo, Baton Rouge, LA, May 6, 2016.
- Offshore Technology Conference (OTC), Houston, TX, May 2016.
- eLearning Conference, "eLearning: Yesterday's Dream, Today's Reality," Louisiana Board of Regents, Baton Rouge, LA, April 5, 2016.
- Gulf-South Rotating Machinery Symposium (GSRMS), LSU Continuing Education, Baton Rouge, LA, April 2016.
- Louisiana Association of Planning and Development Directors (LAPDD) Board of Directors Meeting, New Orleans, LA, March 16, 2016.
- Louisiana Transportation Conference, "Transportation: Making Connections that Matter," Louisiana Department of Transportation and Development (DOTD), Baton Rouge, LA, February 29 – March 2, 2016.
- Getenergy VTEC Global Conference, Lone Star College, The Woodlands, TX, October 13 -15, 2015.
- Network of Technology Transfer Professionals of Louisiana Quarterly Meeting, University of Louisiana at Lafayette, Lafayette, LA, August 25, 2015.
- ABET Summer Commission Meeting (Engineering Program prospective accreditation visit), ABET Inc., Baltimore, MD, July 21, 2015.

- Offshore Technology Conference (OTC), Houston, TX, May 2015.
- Gulf-South Rotating Machinery Symposium (GSRMS), LSU Continuing Education, Baton Rouge, LA, April 2015.
- Washington International Education Conference, Washington, Washington International Education Council Inc., DC, January 25 - 27, 2015.
- Getenergy VTEC Global Conference, Lone Star College, The Woodlands, TX, October 6 – 8, 2014.
- 2<sup>nd</sup> Annual Innovation Engineering Conference, Eureka Ranch, Cincinnati, OH, April 13 – 16, 2014.
- Conference for Industry and Education Collaboration (CIEC), American Society for Engineering Education (ASEE), Savannah, GA, February 5 - 8, 2014.
- Washington International Education Conference, Washington, Washington International Education Council Inc., DC, January 26 - 28, 2014.
- Wildlife Habitat Council Symposium, Baltimore, MD, November 13 - 15, 2013.
- Lone Star College Chancellor's Global Business Advisory Council and LNG 17 Exposition, Houston, TX, April 17 – 18, 2013.
- Fourth Annual Industry – Academia Collaborative Workshop, Next Generation Energy Technology, Baton Rouge, LA, April 9, 2013.
- Broadband Education in Louisiana, Connect My Louisiana Summit, Welsh Community Center, Welsh, LA, March 5, 2013.
- Course Curriculum, and Laboratory Improvement / Transforming Undergraduate Education in Science, Technology, Engineering, and Mathematics (CCLI/TUES) / Annual Principle Investigator Conference, Washington, DC, January 23 – 25, 2013.
- Louisiana Association of Teachers of Mathematics (LATM) and Louisiana Association of Science Teachers Joint Meeting, Shreveport, LA, November 12-14, 2012.
- Society of Women Engineers (SWE) Annual Conference, Houston, TX, November 8 – 10, 2012.
- Louisiana National Center for Advanced Manufacturing (NCAM) Engineering Day, Michoud Assembly Facility, New Orleans, LA, November 1, 2012.
- Boosting Girls' Interest in STEM: Louisiana STEM Girls Collaborative Project Kick-Off Conference, National Girls Collaborative Project (NGCP), Louisiana State University, Baton Rouge, LA, October 27, 2012.
- Engineering Technology Leadership Institute (ETLI), American Society for Engineering Education (ASEE), North Carolina A&T State University, Greensboro, NC, October 5 - 7, 2012.
- Louisiana Engineering Dean Council Fall Meeting, Louisiana Tech University, Ruston, LA, September 23, 2012.
- N. American Process Technology Alliance (NAPTA) Conf., New Orleans, LA, September 18 – 19, 2012.
- Louisiana Gaining Early Awareness and Readiness for Undergraduate Programs (LA GEAR UP), Project Directors Meeting for Summer learning Camps, Baton Rouge, LA, May 11, 2012.
- Offshore Technology Conference (OTC), Houston, TX, May 2012.
- International Conference on Business Incubation, International Business Innovation Association (InBIA), Atlanta, GA, May 5 – 8, 2012.
- Louisiana Chemical Association (LCA) / Louisiana Chemical Industry Alliance (LCIA) Annual Legislative Conference, Baton Rouge, May 2, 2012.
- Offshore Technology Conference, Houston, TX, May 1, 2012.
- Engineering Deans Institute (EDI), American Society for Engineering Education (ASEE), Kauai, HI, April 15-18, 2012.
- Louisiana Engineering Deans Council Spring Meeting, Southern University, Baton Rouge, LA, March 12, 2012.
- Louisiana CALL Adult Learner Summit, Baton Rouge, LA, March 1, 2012.
- Center for Adult Learning in Louisiana (CALL) Adult Learner Summit, Baton Rouge, LA, March 3, 2012.
- Conference for Industry and Education Collaboration (CIEC), American Society for Engineering Education (ASEE), Orlando, FL, January 31 – February 3, 2012.
- Course Curriculum, and Laboratory Improvement / Transforming Undergraduate Education in Science, Technology, Engineering, and Mathematics (CCLI/TUES) Annual Principle Investigator Conference, Washington, DC, January 2012.

- Engineering Technology Leadership Institute (ETLI), American Society for Engineering Education (ASEE), Texas A&M University, College Station, TX, November 4 - 6, 2011.
- 26<sup>th</sup> National Conference on Ethics in America, Simon Center for Professional Military Ethics, West Point, October 16 – 19, 2011.
- Louisiana Engineering Deans Council Fall Meeting, New Orleans, LA, September 15, 2011.
- American Society for Engineering Education (ASEE) Annual Conference and Exposition, Vancouver, BC, June 26 – 29, 2011.
- Innovation Engineering Institute, The University of Maine, Orono, ME, June 6 - 9, 2011.
- Louisiana Gaining Early Awareness and Readiness for Undergraduate Programs (LA GEAR UP), Project Directors Meeting for Summer learning Camps, Baton Rouge, LA, May 5, 2011.
- Innovation Engineering Leadership Institute, Lafayette, LA, May 1 – 4, 2011.
- Broadening Participation in STEM Stakeholder Convention, American Institutes for Research, Washington, DC, April 15 – 17, 2011.
- Engineering Deans Institute (EDI), American Society for Engineering Education (ASEE), Palm Springs, CA, April 10-13, 2011.
- National Science Foundation Science and Technology Education Partnership (STEP) Annual Principal Investigator Conference, Washington, DC, March 17 -18, 2011.
- Conference for Industry and Education Collaboration, American Society for Engineering Education (ASEE), San Antonio, TX, February 2-3, 2011.
- Louisiana Engineering Deans Council Winter Meeting, Tulane University, New Orleans, LA, January 31, 2011.
- Course, Curriculum, and Laboratory Improvement / Transforming Undergraduate Education in Science, Technology, Engineering and Mathematics (CCLI/TUES) Annual Principal Investigator Conference, Washington, DC, January 26 - 28, 2011.
- Innovation Engineering Leadership Institute, Washington, DC, December 13 – 15, 2010.
- Louisiana Industry – Academia Collaborative Meeting on Materials and Energy, Baton Rouge, LA, October 15, 2010.
- Center for the Advancement of Process Technology (CAPT), Best Practices Conference, Galveston, TX, October 2010.
- Engineering Technology Leadership Institute (ETLI), American Society for Engineering Education (ASEE), Orono, ME, September 24-26, 2010.
- American Society for Engineering Education (ASEE) Annual Conference and Exposition, Louisville, KY, June 20 – 22, 2010.
- National Science Foundation Science and Technology Education Partnership (STEP) Annual Principal Investigator Conference, Washington, DC, March 3 -5, 2010.
- Conference for Industry and Education Collaboration (CIEC), American Society for Engineering Education (ASEE), Palm Springs, CA, January 31 – February 3, 2010.
- Train the Trainer Seminar, Flowserve Corporation, Dallas, TX, January 5 – 7, 2010.
- Louisiana Gulf Coast Oil and Gas Expo (LAGCOE), Lafayette, LA, October 28, 2009.
- Engineering Technology Leadership Institute (ETLI), American Society for Engineering Education (ASEE), Penn State University, State College, PA, October 23 - 25, 2009.
- Center for the Advancement of Process Technology (CAPT), Best Practices Conference, Galveston, TX, October 2009.
- American Society for Engineering Education (ASEE) Annual Conference and Exposition, Austin, TX, June 12 – 15, 2009.
- Annual Gulf-Southwest Regional Conference, American Society for Engineering Education (ASEE), Baylor University, Waco, TX, March 18 – 20, 2009.
- Engineering Deans Institute (EDI), American Society for Engineering Education (ASEE), Boston, MA, March 22 – 25, 2009.
- Community Based STEM Education (Com-STEM) Annual Principal Investigator Conference, National Science Foundation, Washington, DC, March 11 – 13, 2009.
- Science and Technology Education Partnership (STEP) Annual Principal Investigator Conference, National Science Foundation, Washington, DC, March 3 -5, 2009.

- Louisiana Engineering Deans Council Fall Meeting, Louisiana Tech University, Ruston, LA, November 16, 2008.
- Advanced Technological Education (ATE) Principle Investigator Conference, National Science Foundation, Washington, DC, October 29 – 31, 2008.
- Annual National Instruments Week, Austin, TX, August 4 – 7, 2008.
- American Society for Engineering Education (ASEE) Annual Conference and Exposition, Pittsburgh, PA, June 21 – 24, 2008.
- Offshore Technology Conference (OTC), Houston, TX, May 2008.
- Annual Gulf-Southwest Regional Conference, American Society for Engineering Education (ASEE), University of New Mexico, Albuquerque, NM, March 26 – 28, 2008.
- Annual Principal Investigator Conference, National Science Foundation Science and Technology Education Partnership (STEP), Washington, DC, March 4 -7, 2008.
- Engineering Deans Public Policy Colloquium, American Society for Engineering Education (ASEE), Washington, DC, February 24 – 27, 2008.
- Conference for Industry and Education Collaboration (CIEC), American Society for Engineering Education (ASEE), New Orleans, LA, February 12 - 14, 2008.
- North American Process Technology Alliance (NAPTA) Conference, Biloxi, MS, October 19 – 21, 2007.
- Annual Gulf-Southwest Regional Conference, American Society for Engineering Education (ASEE), University of Texas Pan American, South Padre Island, March 28 – 30, 2007.
- Annual Principal Investigator Conference, National Science Foundation Science and Technology Education Partnership (STEP), Washington, DC, March 21 – 24, 2007.
- Engineering Deans Public Policy Colloquium, American Society for Engineering Education (ASEE), Washington, DC, February 25 – 28, 2007.
- American Association of State Colleges and Universities (AASCU), Grants Research Center (GRC), Web Conference, December 7, 2006.
- Advanced Technological Education (ATE) Principle Investigator Conference, National Science Foundation, Washington, DC, October 17 – 20, 2006.
- Center for the Advancement of Process Technology (CAPT) Best Practices Conference, College of the Mainland, League City, TX, October 5 – 6, 2006.
- Louisiana Board of Regents Grant Workshop, McNeese State University, September 18, 2006.
- Annual Principal Investigator Conference, National Science Foundation Science and Technology Education Partnership (STEP), Washington, DC, April 19 – 21, 2006.
- American Association of State Colleges and Universities (AASCU), Grants Research Center (GRC), Web Conference, April 6, 2006.
- Louisiana Board of Regents Post Hurricanes Katrina/Rita Research and Education Forum, "Science Recovery and Discovery: The Role of Higher Education in Securing a Sustainable Future," New Orleans, LA, April 2 – 4, 2006.
- Regional Professional Development and Grantsmanship Workshop for Louisiana, Mississippi, and Alabama Institutions of Higher Education, "restoration, Research, and Economic Development," Southern University of New Orleans, March 16 – 17, 2006.
- American Association of State Colleges and Universities (AASCU), Grants Research Center (GRC), Spring Event, Washington, DC, March 2 – 4, 2006.
- 85<sup>th</sup> Annual American Association of Community Colleges (AASC) Convention, Rochester, NY, January 5 – 8, 2006.
- American Association of Community Colleges (AACC) – National Science Foundation (NSF) Advanced Technological Education (ATE) Principal Investigators Conference, Washington, DC, October 5 – 7, 2005.
- University of Louisiana System Office of Research Services and Sponsored Program Directors Meeting, Baton Rouge, LA, July 7, 2005.
- American Society for Engineering Education (ASEE) Annual Conference and Exposition, Portland, OR, June 22 – 15, 2005.
- Louisiana Gaining Early Awareness and Readiness for Undergraduate Programs (LA GEAR UP), State Conference, Louisiana Tech University, Ruston, LA, May 22 - 24, 2005.

- Offshore Technology Conference (OTC), Houston, TX, May 2005.
- Annual American Association of Community Colleges (AACC) Meeting, Boston, MA, April 8 – 12, 2005.
- Annual Spring Meeting, Grants Resource Center (GRC) of American Association of State Colleges and Universities (AASCU), Washington, DC, March 21 – 24, 2005.
- Western Cooperative for Educational Telecommunications (WCET) 16<sup>th</sup> Annual Conference, San Antonio, TX, November 11 – 13, 2004.
- Advanced Technological Education (ATE) Principle Investigator Conference, National Science Foundation, Washington, DC, October 13 – 15, 2004.
- Center for the Advancement of Process Technology (CAPT) Best Practices Conference, College of the Mainland, League City, TX, September 30 - October 1, 2004.
- American Society for Engineering Education (ASEE) Annual Conference and Exposition, Nashville, TN, June 20 – 24, 2003.
- Louisiana Science and Technology Meeting, National Governors Association with the Louisiana Department of Economic Development, Baton Rouge, LA, April 23, 2003.
- 15<sup>th</sup> Annual Safety Council Expo, Shreveport, LA, March 11, 2003.
- Conference for Industry and Education Collaboration (CIEC), American Society for Engineering Education (ASEE), Tucson, AZ, January 28 – 31, 2003.
- The Great International Southwest Region X, American Society for Mechanical Engineers (ASME), Regional Administrative Conference, Tulsa, OK, March 23 – 31, 2001.
- International Conference on Bond Graph Modeling and Simulation (ICBGM '01), Phoenix, Arizona, January 7-11, 2001.
- Annual Gulf-Southwest Regional Conference, American Society for Engineering Education (ASEE), University of Texas San Antonio, San Antonio, TX, March 27 - 29, 1996.
- Annual Conference, Rehabilitation Engineering and Assistive Technology of North America (RESNA), June 9 – 15, 1995.
- Building Collaborations in Research and Training Conference, "*Opportunities in Science and Engineering*," University of Texas San Antonio, San Antonio, TX, November 1 – 2, 1993.
- 5<sup>th</sup> Anniversary Symposium, Instituto Tecnológico de Reynosa, Reynosa, Tamaulipas Mexico, October 5, 1993.
- 8<sup>th</sup> International Congress on Applications of Laser and Electro-Optics (ICALEO '89), Orlando, Florida, October 15-20, 1989.
- NATO Advanced Study Institute on Amorphous Hydrides, Rhodes, Greece, September 9 – 19, 1985.

#### SHORT COURSES/SEMINARS/TRAINING ATTENDED

- "*Engineering is Elementary Teacher Training*" by the Boston Museum of Science, Lafayette, LA, May 13 – 15, 2019.
- "*Ruffalo Noel-Levitz Strategic Enrollment Planning*," McNeese State University, eight, three-and-half hour meetings with a lot of work in between, October 2018 and May, 2019.
- "*Leadership Retreat*," McNeese State University, October 11, 2018.
- "*Leadership Louisiana*," Council for A Better Louisiana (CABL), 6 meetings throughout LA (Lafayette, Baton Rouge, Monroe, Houma, New Orleans, Alexandria), 2017-18
- "*ABET Advanced Program Assessment Workshop*," ABET Inc., Chicago, IL, September 30, 2017.
- "*Rotating Equipment Reliability*," course by Royal Purple, Chevron - P66 Facility, Sweeny, TX, February 18, 2016.
- "*ABET Program Assessment Workshop*," ABET Inc., Mississippi State University, Starkville, MS, September 26 - 27, 2014.
- "*Innovation Engineering Executive Program*," Eureka Ranch, Lafayette, LA, April 24, 2014.
- "*ABET Program Assessment Workshop*," ABET Inc., University of Houston, Houston, TX, February 15, 2014.
- "*National Center of Advanced Manufacturing (NCAM) Workshop*," Louisiana State University, Baton Rouge, LA, April 8, 2013.

- *"Innovation Engineering Management System – Commercialize,"* Eureka Ranch, Cincinnati, OH January 2013.
- *"Innovation Engineering Management System – Communicate,"* The University of Maine, Orono, ME, June 11 – 14, 2012.
- *"Facilities Management,"* International Conference on Business Incubation, International Business Innovation Association (InBIA), Atlanta, GA, May 5 – 8, 2012.
- *"Louisiana Gaining Early Awareness and Readiness for Undergraduate Programs (LA GEAR UP),"* training, Ruston, LA, April 22 – 24, 2012.
- *"Innovation Engineering Short Course,"* Eureka Ranch, Lafayette, LA, April 25, 2011.
- *"The Fundamentals of Incubator Management,"* National Business Incubator Association (NBIA), Oklahoma City, OK, October 3 – 5, 2011.
- *"Innovation Engineering Management System – Create,"* Eureka Ranch, Cincinnati, OH June 21 – 24, 2011.
- *"Louisiana Gaining Early Awareness and Readiness for Undergraduate Programs (LA GEAR UP),"* training, Ruston, LA, May 25 -26, 2011.
- *"Innovation Engineering Leadership Institute,"* Eureka Ranch, Lafayette, LA, May 1 – 3, 2011.
- *"Innovation Engineering Leadership Institute,"* Eureka Ranch, Washington, DC, December 13-15, 2010.
- *"Louisiana Gaining Early Awareness and Readiness for Undergraduate Programs (LA GEAR UP),"* training, Ruston, LA, April 23 – 24, 2010.
- *"Engineering Ethics Training,"* American Society of Mechanical Engineers, Houston, TX, April 21, 2010.
- *"Train the Trainer Workshop,"* Flowserve Corporation, Pump Division, Dallas, TX, January 6-8, 2010.
- *"Two-Day Strain Gage Workshop,"* Micro-Measurements, Houston, TX, September 29-30, 2010.
- *"Online Course Design,"* Academic Impressions Workshop, Denver, CO, December 2 - 4, 2008.
- *"FIRST Lego League Training,"* Tulane University, New Orleans, LA, September 27, 2008.
- *"Enhancing Student Success through a Model Introduction to Engineering Course,"* National Science Foundation, Chautauquau Short Course, California State University Dominguez Hills, May 28-30, 2008.
- *"Institute for the Development of Excellence in Assessment Leadership (IDEAL),"* ABET Inc., Phoenix Arizona, January 7-11, 2008.
- *"Faculty Workshop on Assessing Program Outcomes,"* ABET Inc., San Antonio, Texas, November 30 – December 1, 2007.
- *"Experimental Stress Analysis Techniques",* by the Measurement Group Inc., Chicago, IL, June 14-15, 2007.
- *"Department Head Leadership Institute,"* Workshop by Dr. David McFarland, Penson Associates Inc., McNeese State University, October 9 – 10, 2006.
- *"Successful Proposal Writing Workshop,"* Grants Resource Center (GRC) of American Association of State Colleges and Universities (AASCU), Washington, DC, March 2 – 4, 2006.
- *"Grants Administration at Small Institutions,"* American Association of Community Colleges (AACC), Washington, DC, October 17 – 18, 2005.
- *"Grant Writing Workshop,"* Tulane University, New Orleans, LA, April 18, 2005.
- *"Faculty Skills Development Seminar, The Teaching Professor,"* Louisiana State University at Eunice (LSUE) Continuing Education, Eunice, LA, June 24, 2015.
- *"Authoring Authentic Learning Tasks",* Faculty Workshop by the National Center for Manufacturing Education, Houston, TX, October 28 – 29, 2004.
- *"Short Course on Fire Science,"* US National Fire Science Academy, Emmitsburg, Maryland, May 30 – June 3, 2003.
- *"Faculty Workshop for Program Improvement",* ABET, Baltimore, MD, January 26 – 27, 2002.
- *"Developing RSView 32 Projects (CCP199)",* by Rockwell Automation, Cleveland, OH, October 29 - November 2, 2001.
- *"Regional Grants Conference,"* National Science Foundation, Louisiana State University Division of Continuing Education, Baton Rouge, LA, March 20 – 21, 2000.
- *"Professional Engineering Ethics,"* McNeese State University, Lake Charles, LA, October 11, 1999.
- *"Solutions in Motion",* by Parker Deadal Inc., Austin, TX, January 27, 1994.
- *"LabWindows for DOS",* by National Instruments Corporation, Austin, TX, December 13-15, 1993.

- "Laser Measurements", National Institute for Standards and Technology, United States Department of Commerce, Boulder, CO, August 17-20 1993.
- "Hydraulic/Electric Relay Control Course", by AMATROL Inc., Jeffersonville, IN, July 19-23, 1993.
- "Experimental Stress Analysis for the Teaching Laboratory", by the Measurement Group Inc., Raleigh, NC, July 12-16, 1993.
- "Photoelasticity", by the Measurement Group Inc., Houston, TX, March 23, 1993.
- "Theory of Constraints", by the Abraham Y. Goldratt Institute, Edinburg, TX, January 14-15, 1993.
- "Seminar on Rheology", by Brookfield Inc., Houston, TX, December 15, 1992.
- "Faculty Workshop on Ethics and Professionalism", by Texas State Board of Registration for Professional Engineers, Austin, TX, June 11-13, 1992.

## PROFESSIONAL AFFILIATIONS

- Engineering Technology Leadership Institute (ETLI), Executive Council Secretary 2011, 2010, 2009
- American Society of Mechanical Engineers (ASME), Region X, Sabine Subsection, President, 2000 - 2002 (elected 5/4/00)
- Society of Manufacturing Engineers (SME)  
Chapter RGV F392, Treasurer, 1996, 1995, 1992  
Chapter RGV F392, President, 1993/94  
Chapter RGV F392, President Elect, 1992/93
- American Society for Engineering Education (ASEE)
- Sigma Xi, Associate Member, Ohio State University Chapter, 1990
- The Ohio Academy of Sciences, Council Member, 1988-89

## HONORS & AWARDS

- Professor of the Year, 2000-01, ΜΩΣ McNeese Engineering Honor Society.
- Nominated by colleagues for the 1993 Outstanding Faculty Award at the University of Texas Pan American.
- Graduated with Honors in Engineering Physics, Wright State University.
- Outstanding Student Award 1986-1987, College of Engineering and Computer Science, Wright State University.
- Physics Book Fund Award for 1986, Wright State University.

## DOMESTIC PRESENTATIONS

- Conference for Industry and Education Collaboration (CIEC), American Society for Engineering Education (ASEE), New Orleans, LA, January 30 – February 1, 2019.  
♦ A Professional Development Program for Industry.
- ABB Customer World, Houston, Texas, March 16, 2017.  
♦ Preparing the Millennial Engineering Graduate to Join the Workforce: Digital Integrated System.
- Com-STEM Seminar, McNeese State University, March 8, 2007.  
♦ Benefits of Cooperative (Co-Op) Education Opportunities.
- McNeese State University Faculty Workshop, September 15, 2005, February 3, 2006.  
♦ Grant Writing 101.
- National Meeting of the American Society for Engineering Education (ASEE), Nashville, TN, June 20 – 24, 2003.  
♦ A Multi-Purpose Vibration Experiment Using Labview.
- 15<sup>th</sup> Annual Safety Council Expo, Shreveport, LA, March 11, 2003.  
♦ National Center of Excellence for Safety Technology Education.
- Conference for Industry and Education Collaboration, Tucson, AZ, January 27 – 31, 2003, (with Dr. John Galiotos).

- ◆ McNeese State University and Houston Community College – Northeast: Challenges Facing Small Regional Engineering Coop Programs.
- International Conference on Bond Graph Modeling and Simulation (ICBGM '01), Phoenix, Arizona, January 7-11, 2001.
  - ◆ Network Thermodynamic Bond Graph Models for Microdialysis Probe Processes.
- American Society for Engineering Education, Gulf-Southwest Section Annual Meeting, San Antonio, Texas, March 27 - 29, 1996.
  - ◆ Summer Science Camp at the University of Texas Pan American.
- 8<sup>th</sup> International Congress on Applications of Laser and Electro-Optics (ICALEO '89), Orlando, Florida, October 15-20, 1989.
  - ◆ Statistical Investigation of Errors in Particle Image Velocimetry.
- 97<sup>th</sup> Annual Meeting, The Ohio Academy of Science O.S.U. Newark Campus, Newark, Ohio, April 29-30, 1988.
  - ◆ Investigation of Ripple Formation in Different Media.
- Engineering Physics Honors Seminar, WSU, May 29, 1987.
  - ◆ Calculation of the Isotropic Compton Scattering Profile for  $Ti_4Cu_4H_5$  (Titanium Copper Hydrogen compound).
- 96<sup>th</sup> Annual Meeting, The Ohio Academy of Science Malone College, Canton, Ohio, April 24-26, 1987.
  - ◆ A Hovercraft Model Experiment.
- AIAA Dayton-Cincinnati Section, 13<sup>th</sup> Annual Minisymposium on Aerospace Science and Technology Dayton, Ohio, March 24, 1987.
  - ◆ Investigation of Autorotation in a Wind Tunnel.

#### INTERNATIONAL PRESENTATIONS

- Panhellenic Pedagogical Society for Secondary Education Annual Meeting (taped), Athens, Greece, November 3, 2019.
  - ◆ The Future of Education Through the Eyes of an Engineer.
- International Week, Pole Universitaire Leonard de Vinci, Paris, France, March 11 – 25, 2019.
  - ◆ Ethics in Engineering and Business
- University – Industry Interaction Conference, Amsterdam, The Netherlands, June 1 – 3, 2016.
  - ◆ Re-Inventing and Expanding a Successful Professional Development Program for Business and Industry
- International Week, Pole Universitaire Leonard de Vinci, Paris, France, March 16 – 20, 2015.
  - ◆ Innovation Engineering
- Bigli University, Istanbul, Turkey, November 26, 2014.
  - ◆ Innovation Engineering – A New Academic Minor
- 5<sup>th</sup> Anniversary Symposium, Instituto Tecnológico de Reynosa, Reynosa, Tamaulipas Mexico, October 5, 1993.
  - ◆ A Boundary Layer Experiment

#### PUBLICATIONS

- Kiritsis N., Howard L, "Re-Inventing and Expanding a Successful Professional Development Program for Business and Industry," Proceedings of the University – Industry Interaction Conference, Amsterdam, The Netherlands, June 1 – 3, 2016.
- Kiritsis N., Huang Yi-Wei, Ayrapetyan David, "A Multi-Purpose Vibration Experiment Using Labview", Proceedings of the 2003 American Society for Engineering Education Annual Conference and Exposition, Nashville, TN, June 22-25, 2003.
- Galitos J., Kiritsis N., " Houston Community College System – Northeast College and McNeese State University: Challenges Facing Small Regional Engineering Coop Programs", Proceedings of the 2003 Conference for Industry and Education Collaboration, Session ETD 542, pg 1-5, Tucson, AZ, January 27-31, 2003.

- Kiritsis N., Longoria R., and Gonzales R., "Experimental Verification of the In Vitro Microdialysis System Model", submitted to the ASME Journal of Biomechanical Engineering, August 2002.
- Kiritsis N., Longoria R., and Gonzales R., "Modeling a Microdialysis System for In Vitro Applications", submitted to the ASME Journal of Biomechanical Engineering, January 2002.
- Kiritsis N., "ENGR 318 Engineering Measurements: A Laboratory Manual", Engineering Department, McNeese State University, January 2001.
- Kiritsis N., "Modeling of Microdialysis Processes and Systems Used for In Vitro Experiments", Ph.D. Dissertation, The University of Texas at Austin, Austin, TX., 1999.
- Kiritsis N., "Summer Science Camp at the University of Texas Pan American", Proceedings of the 1996 Annual Meeting of the Gulf - Southwest Section of ASEE, pp. 29-34.
- Rolsten R.F., Kiritsis N., "Laboratory Manual for MECE 2421 Mechanics of Solids", The University of Texas Pan American, Summer 1992.
- Guezenec Y.G., Kiritsis N., "Statistical Investigation of Errors in Particle Image Velocimetry", Experiments in Fluids, Vol. 10, No. 23, 1990.

#### **COLLEGE STUDENTS SUPERVISED**

- Rama Koripelli, M.S. in Engineering with concentration in Mechanical Engineering, Thesis Option, "Position and Level Control Experiments", graduated in Summer 2004, currently pursuing a Ph.D. degree in Mechanical Engineering at ULNV.
- Yi-Wei Huang, M.S. in Engineering, with concentration in Mechanical Engineering. Thesis Option, "The Intelligent House", graduated in Fall 2002, currently pursuing a Ph.D. degree in Mechanical Engineering at UT-Arlington.
- David Ayrapietian, B.S. in Engineering with concentration in Mechanical Engineering, "Virtual Instruments to Perform Strength of Materials Laboratory Experiments", expected to graduate in Spring 2005.