

David C. Paulus, PhD, PE

EDUCATION

Ph.D., **Mechanical Engineering**, Colorado State University, Fort Collins, Colorado, 2004

M.S., **Industrial Engineering**, University of Tennessee, Knoxville, Tennessee, 2001

B.S., **Mechanical Engineering**, University of Tennessee, Knoxville, Tennessee, 1999

ACADEMIC POSITIONS

2023 – present **Professor of Practice**, Industrial Engineering, University of Arkansas, Fayetteville, AR

- Developed and taught the following courses
 - INEG 3313 Statistics
 - INEG 3443 Project Management
 - OGMT 5783 Project Management
 - INEG 4453 Productivity Improvement
- Director of Engineering and Operations Management Master's Degree Programs

2014 - 2023 **Associate Professor (CT)**, Engineering & Technology Management, Voiland College of Engineering & Architecture, Washington State University, Global Campus

- Developed and taught the following online graduate level courses
 - EM 538 Lean Tools for Systems Improvement
 - EM 570 Systems Improvement: Integrating TOC, Lean, and Six Sigma
 - EM 580 Quality Control and Reliability
 - EM 585 Design of Experiments (using ANOVA)
 - EM 587 Managing Human Factors for Safety and Productivity
 - EM 590 Leading Design and Innovation
 - EM 701 Graduate Capstone Experience
- Average student evaluation scores **4.8 ± 0.1** out of 5 (96%):

2013 - 2014 **Adjunct Associate Professor**, Engineering & Technology Management, Voiland College of Engineering & Architecture, Washington State University, Global Campus

- Developed and taught the following online graduate level courses:
 - EM 538 Lean Tools for Systems Improvement
 - EM 580 Quality Control and Reliability
 - EM 590 Leading Design and Innovation

2020-2021 **Adjunct Instructor**, University of West Florida, Hal Marcus College of Science and Engineering, Pensacola, FL

- Served as temporary mechanical engineering online faculty during COVID 19 teaching online classes during UWF campus shutdown
- Developed and taught the following online mechanical engineering courses:
 - EGN 3365 Engineering Materials (undergraduate) fall '20
 - EML 5570 Fracture Mechanics (graduate & undergraduate) spring '21

- EGS 3441 Engineering Statistics (undergrad) fall '21, spring '22
- 2006, 2013 **Adjunct Assistant Professor**, University of Arkansas, Mechanical Engineering Fayetteville, AR
 - Developed and taught the following mechanical engineering courses:
 - MEEG 2103 Introduction to Machine Analysis (2013)
 - MEEG 4182 Creative Project Design I, SAE Baja Competition (2012)
 - MEEG 4292 Creative Project Design II, SAE Baja Competition (2013)
 - MEEG 4913 Biomechanics (2006)
- 2004 – 2015 **Associate Professor**, University of Arkansas - Fort Smith, Mechanical Engineering Fort Smith, AR
 - Promoted from Assistant Professor to Associate Professor in 2009
 - Developed and taught the following undergraduate mechanical engineering courses:
 - Introduction to Engineering I & II
 - Statics
 - Dynamics
 - Machine Analysis
 - Thermodynamics
 - Material Science
 - Numerical Methods
 - Biomechanics
 - Led Society of Automotive Engineers (**SAE**) Baja team as faculty advisor to annually design, build and compete in international intercollegiate off-road vehicle competition
 - Developed fundamental engineering laboratory including engine dynamometer
 - Developed laboratory for exercise equipment development and biomechanical analysis

PROFESSIONAL EXPERIENCE

- 2009 - 2013 **NASA Engineer Subcontractor** (SBIR Phase I, II, & III) Streamline Automation, Huntsville, AL
 - Inventor and lead engineer developing Controlled Resistance Exercise Device (C-RED) for maintaining muscle and bone density during spaceflight
 - Compatible with a prototype lunar sortie mission excursion vehicle
 - Designed mechanical components using Solid Edge CADD and minimized size to 0.3 ft³ and weight to 25 lb
 - Developed LabVIEW PID motor-torque control system for up to 600 lb of controlled force that simulates inertia
 - Performed biomechanical analysis of device at NASA Johnson Space Center in Houston, TX
- 2007 - 2008 **Engineering Consultant**, Therma-Tru Corp, Roland, OK
 - Analyzed and assessed ergonomics of workers assembling doors
 - Calculated NIOSH Recommended Weight Limits
 - Designed innovative conveyor /rack system to improve productivity and reduce ergonomic hazards from lifting and twisting with loads
 - Developed standardized work procedures for each station on the assembly line to improve safety

- 2005 - 2006 **Engineering Consultant**, EDM Consultants, Inc., Fort Smith, AR
- Designed HVAC systems for new construction projects
 - Performed energy analysis by incorporating abandoned solar water heating system for hospital expansion resulting in net savings of \$20,000/yr with 6 mo payback
 - Determined \$1.7 million could be saved by adding satellite mechanical room versus all new construction
- 2003 **UTSR Gas Turbine Industrial Research Fellow** Woodward Governor Company, Fort Collins, CO
- Determined thermal expansion effects on flow through a high temperature natural gas metering valve with Pro-E CADD and finite element analysis (ANSYS) modeling
 - Performed experimental testing in laboratory to verify thermal expansion effects predicted in model
 - Quantified a 3.5% reduction in flow when metering 400°F gas compared to 100°F gas with the same valve settings
- 2001 - 2002 **Industrial Engineer**, Colorado State University, Industrial Assessment Center, Fort Collins, CO
- Performed assessments of mid-sized manufacturing facilities (U.S. Department of Energy Funded)
 - Improved productivity, developed HVAC energy efficiency and sustainability recommendations, and quantified savings
- 2000 - 2001 **Graduate Research Associate**, University of Tennessee, Knoxville, TN
- Researched litigation database of personal watercraft (PWC) injuries to the lower leg
 - Determined majority of injuries resulted from supination-external rotation indicating body rotated around fixed foot
 - Concluded design concern from foot trapped in gunwale as user is thrown from PWC
- 1999 **Mechanical Engineer**, Endecon Engineering, Inc., Wilmington, DE
- Improved HVAC designs for new construction
- 1998 **Co-op Engineer**, Eagle Bend Manufacturing, Clinton, TN
- Developed time and motion studies for new production area, improved safety by implementing prototype steel pallet design, and performed forklift utilization study
- 1996 - 1998 **Research Engineer**, National Recovery Technologies, Inc., Nashville, TN
- Performed research and development on automated systems to identify and separate recyclable materials using LabVIEW controls (part-time)

LICENSES & CERTIFICATES

Professional Engineer #12744, State of Arkansas, HVAC and Refrigeration
Certified Human Factors Engineering Professional, #010-04-2813, Oxford Research Institute
Certified Quality Engineer, #96481, American Society for Quality

REFEREED JOURNAL PUBLICATIONS

1. Paulus, David C, Paulus, Luke D, Paulus, Emma C. "Low -cost Exercise Safety Dvice for Enhanced Accesibility". Biomedical Sciences Instrumentation in press (2025)
2. Paulus, David C. "Human Factors Learning Curve for Thumb-Operated Trigger Rifle Using Gyroscopic Feedback Instrumentation". Biomedical Sciences Instrumentation 57(2):273-279 (2021).
3. Paulus, David C., and S. Freeman, "Sternal Plate Fracture Caused by Fatigue Loading Associated with Breathing: A Preliminary Analysis". Biomedical Sciences Instrumentation 56:242-249 (2020).
4. Paulus, David C., and K. Rehn, "Efficacy and Perceptions of Handgun Training with Simulated Recoil". Biomedical Sciences Instrumentation 56:148-155 (2020).
5. Paulus, David C., E Oggero, and G Pagnacco, "Using Posturography to Assess the Effect of Handgun Recoil" Biomedical Sciences Instrumentation 53:68-73 (2017).
6. Paulus, David C. "Recoil Measurement and Comparison of Human Factors Designed Handgun". Biomedical Sciences Instrumentation 52:308-313 (2016).
7. Paulus, David C. and J.K. DeWitt. "Human Subject Evaluation of the Controlled Resistance Exercise Device (C-RED) For Spaceflight." Biomedical Sciences Instrumentation 51:46-53 (2015).
8. Paulus, David C. and D.M. Settlege. "Automated Testing of the Controlled Resistance Exercise Device (C-RED) For Spaceflight." Biomedical Sciences Instrumentation 50:164-170 (2014).
9. Paulus, David C. and D.M. Settlege. "Bilateral Symmetry of Ground Reaction Force with Motor-Controlled Resistance Exercise System Using a Mechanical Advantage Barbell for Spaceflight." Biomedical Sciences Instrumentation 48: 340-344 (2012).
10. Paulus, David C., D.M. Settlege, and B.K. Schilling. "Comparison of Isoinertial to Simulated Inertial Force from a Controlled Resistance Exercise Device for Spaceflight." Biomedical Sciences Instrumentation 47: 41-45 (2011).
11. Paulus, David C., M.C. Reynolds, and B. K. Schilling. "Ground Reaction Force Comparison of Controlled Resistance Methods to Isoinertial Loading." Biomedical Sciences Instrumentation 46:93-298 (2010).
12. Paulus, David C., and B.K. Schilling. "Ground Reaction Force Comparison of Bilateral Symmetry with Pneumatic Resistance Squat Device and Free Weights." Biomedical Sciences Instrumentation 45:419-423 (2009).
13. Reynolds, M.C., and D.C. Paulus. "Optimal Load Trajectories for Resistance Exercise." American Society of Mechanical Engineers, ASME Early Career Technical Journal 7(1) (2009).
14. Paulus, David C., R.F. Reiser., and W.O. Troxell. "Peak Lifting Velocities of Men and Women for the Reduced Inertia Squat Exercise Using Force Control." European Journal of Applied Physiology, 102 (3), 299-305 (2008).
15. Paulus, David C., R.F. Reiser, and W.O. Troxell. "Interactive Variable Resistance Exercise System: Concept and Preliminary Results." Biomedical Sciences Instrumentation 44:237-242 (2008).
16. Paulus, David C., M.C. Reynolds, and B.K. Schilling. "Validity and Reliability of a Controlled Pneumatic Resistance Exercise Device." Biomedical Sciences Instrumentation.44:53-58 (2008).

17. Paulus, David C., R.F. Reiser, and W.O. Troxell. "Pneumatic Strength Assessment Device: Design and Isometric Measurement." Biomedical Sciences Instrumentation. 40:277-282 (2004).

REFEREED CONFERENCE PAPERS

1. Paulus, David C., Paulus, Emma C. "Bridging the Gap: Accelerating Engineering Management Education Through Innovative Graduate Pathways: Proceedings of the American Society for Engineering Education 2025 International Annual Conference. (2025)
2. Paulus, David C., "Online Education in Workforce Engagement". Proceedings of the American Society for Engineering Management 2023 International Annual Conference G. Natarajan, H. Zhang, and E.H. Ng eds
3. Paulus, David C., "Workforce Disengagement: The Easiest Management Method" International Annual Conference of the American Society for Engineering Management. Proceedings of the American Society for Engineering Management 2022 International Annual Conference G. Natarajan, E.H. Ng, P.F. Katina, and H. Zhang eds.
4. Paulus, David C. : "The Workforce Engagement Management Approach to Improving Systems Using Theory of Constraints and Lean Six Sigma integration" International Annual Conference of the American Society for Engineering Management. Proceedings of the American Society for Engineering Management 2020 International Annual Conference, H. Keathley, J. Enos and M. Parrish eds.
5. Paulus, David C., "Online Engineering Management Education Feedback" International Annual Conference of the American Society for Engineering Management, Proceedings of the American Society for Engineering Management 2018 International Annual Conference, H. Keathley, J. Enos and M. Parrish eds.
6. Paulus, David C., and M.C. Reynolds, "Perceived Satisfaction and Demonstration of Learning Using Online Assessment with Traditional Undergraduate and Online Graduate Students" Proceedings of the 2016 Southeastern Section Annual Conference of the American Society for Engineering Education.
7. Paulus, David C., and D.M. Settlege, "Perceived Learning and Satisfaction using online Homework from Engineering and Economics Students" Proceedings of the 2014 Midwest Section Conference of the American Society for Engineering Education.
8. Paulus, David C., and M.C. Reynolds. "Controlled Variable Resistance Squat Device System Response." Mid-South Area Engineering & Sciences Proceedings. 10124 (2007).
9. Paulus, David C., J.J. Paulus. "Activation of Abandoned Solar Hot Water System: A Hospital Expansion Energy Analysis." Proceedings of Solar 2006 - Renewable Energy Key to Climate Recovery.
10. Paulus, David C., R.F.Reiser, and W. O. Troxell. "Peak Lifting Velocity with Resistance Force Based on Isometric Assessment." Proceedings of 2006 American College of Sports Medicine.
11. Paulus, David C., R.F. Reiser, and W.O. Troxell. "Peak Lifting Velocity with Resistance Force Based on Isometric Assessment." Medicine & Science in Sports & Exercise. 38(5), S290 (2006).
12. Edwards, H.W., and D.C. Paulus. "Reducing Remelting in Manufacturing Extruded Aluminum Products." Proceedings of the Air & Waste Management Association's 95th Annual Conference & Exhibition. Baltimore, Maryland, June 23-27, 2002. Air & Waste Management Association, Pittsburgh, PA, paper 42919.

CONFERENCE PRESENTATIONS

1. Paulus, David C. "Online Education in Workforce Engagement". International Annual Conference of the American Society for Engineering Management. Proceedings of the American Society for Engineering Management 2023 International Annual Conference, October 25-28, 2023.
2. Paulus, David C. "Workforce Disengagement: The Easiest Management Method". International Annual Conference of the American Society for Engineering Management. Proceedings of the American Society for Engineering Management 2022 International Annual Conference, October 5-8, 2022.
3. Paulus, David C. "Human Factors Safety Analysis of L-Screens Used for College Baseball Batting Practice". 59th International ISA Rocky Mountain Bioengineering Symposium. Glassboro, NJ, April, 2022
4. Paulus, David C. "Perceptions of Learning in Online Engineering Management Course Incorporating TOC, Lean, and Six Sigma" International Annual Conference of the American Society for Engineering Management, Presentation at virtual conference October 27-30, 2021.
5. Paulus, David C. "Human Factors Learning Curve for Thumb-Operated Trigger Rifle Using Gyroscopic Feedback Instrumentation". 58th International ISA Rocky Mountain Bioengineering Symposium. Virtual Conference, April 8-10, 2021.
6. Paulus, David C., and S. Freeman, "Sternal Plate Fracture Caused by Fatigue Loading Associated with Breathing: A Preliminary Analysis". 57th International ISA Rocky Mountain Bioengineering Symposium. Presentation accepted, cancelled due to Covid 19
7. Paulus, David C., and K. Rehn, "Efficacy and Perceptions of Handgun Training with Simulated Recoil". 57th International ISA Rocky Mountain Bioengineering Symposium. Presentation accepted, cancelled due to Covid 19.
8. Paulus, David C. : "The Workforce Engagement Management Approach to Improving Systems Using Theory of Constraints and Lean Six Sigma integration" International Annual Conference of the American Society for Engineering Management. American Society for Engineering Management 2020 International Annual Conference, Virtual Conference, October 29, 2020.
9. Paulus, David C., "Online Engineering Management Education Feedback" International Annual Conference of the American Society for Engineering Management, American Society for Engineering Management 2018 International Annual Conference, Coeur d'Alene, ID, October 17-20, 2018.
10. Paulus, David C., E Oggero, and G Pagnacco, "Using Posturography to Assess the Effect of Handgun Recoil" 54th International ISA Rocky Mountain Bioengineering Symposium. Denver, CO, March 31-April 1, 2017.
11. Paulus, David C., and M.C. Reynolds, "Perceived Satisfaction and Demonstration of Learning Using Online Assessment with Traditional Undergraduate and Online Graduate Students" 2016 Southeastern Section Annual Conference of the American Society for Engineering Education, Tuscaloosa, AL, March 13 - 15, 2016.
12. Paulus, David C, "Recoil Measurement and Comparison of Human Factors Designed Handgun" 53rd International ISA Rocky Mountain Bioengineering Symposium. Denver, CO, April 7-9, 2016.
13. Paulus, David C., and J.K. DeWitt, "Human Subject Evaluation of the Controlled Resistance Exercise Device (C-RED) For Spaceflight" 52nd International ISA Rocky Mountain Bioengineering Symposium. Salt Lake City, UT, April 10-12, 2015.
14. Paulus, David C., and D.M. Settlege, "Perceived Learning and Satisfaction using online Homework from Engineering and Economics Students" 2014 Midwest Section Conference of the American Society for Engineering Education, Fort Smith, AR, Sept. 24-26, 2014.

15. Paulus, David C., and D.M. Settlege. "Automated Testing of the Controlled Resistance Exercise Device (C-RED) For Spaceflight" 51st International ISA Rocky Mountain Bioengineering Symposium. Denver, CO, April 4-6, 2014.
16. Paulus, David C., and D.M. Settlege, "Online Engineering Education Using Blackboard Collaborate" 2013 Midwest Section Conference of the American Society for Engineering Education, Salina, KS, Sept. 18-20, 2013.
17. Reich, A.J., J.E. Shaw, and D.C. Paulus. "Compact Controlled Resistance Exercise Device (C-RED) For Power Limited Missions. NASA Human Research Program Investigator's Workshop. Galveston, TX, February 12-14, 2013.
18. Paulus, David C., and D.M. Settlege. "Bilateral Symmetry of Ground Reaction Force with a Motor- Controlled Resistance Exercise System Using a Mechanical Advantage Barbell for Spaceflight." 49th International ISA Rocky Mountain Bioengineering Symposium. Blacksburg, VA, March 22-24, 2012.
19. Paulus, David C., A.J. Reich, J.K. DeWitt, J.E. Shaw, and S.S., Deaconu. "Controlled Resistance Exercise Device." NASA Human Research Program Investigator's Workshop. Houston, TX, February 13-16, 2012.
20. Paulus, David C., D.M. Settlege., B.K. Schilling. "Comparison of Isoinertial to Simulated Inertial Force from a Controlled Resistance Exercise Device for Spaceflight." 48th International ISA Rocky Mountain Bioengineering Symposium. Denver, CO, April 15-17, 2011.
21. Paulus, David C., M.C. Reynolds, and B.K. Schilling. "Ground Reaction Force Comparison of Controlled Resistance Methods to Isoinertial Loading." 47th International ISA Rocky Mountain Bioengineering Symposium. Laramie, WY, April 9-11, 2010.
22. Reynolds, M.C., and D.C. Paulus. "The Best of Both Worlds: Hybrid Learning." 2009 ASEE Midwest Regional Conference. Lincoln, NE, Sept. 16-18, 2009.
23. Paulus, David C. "Compact Controlled Force Crew Exercise System." Human Adaptation and Countermeasures Division, Wyle Labs & Johnson Space Center. Houston, TX, July 7, 2009.
24. Paulus, David C. "Controlled Resistance Exercise Device for Spaceflight: Shear and Normal Ground Reaction Force Comparison." 17th Annual Arkansas Space Grant Consortium Symposium. Petit Jean Mountain, Morrilton, AR, April 24, 2009.
25. Reynolds, M.C., and D.C. Paulus. "Comparison of Control Strategies for Resistance and Rehabilitation." 2008 IEEE Multi-Conference on Systems and Control. San Antonio, TX, Sept. 3-5, 2008.
26. Paulus, David C. "Controlled Resistance Exercise Countermeasure." Human Adaptation and Countermeasures Division. Johnson Space Center, Houston, TX, August 15, 2008.
27. Reynolds, M.C., D.C. Paulus. "Optimal Load Trajectories for Resistance Exercise." 2009 ASME Early Career Technical Conference. Arlington, TX, April 17-18, 2009.
28. Paulus, David C., M.C. Reynolds, and B. K. Schilling. "Validity and Reliability of a Controlled Pneumatic Resistance Exercise Device." 45th International ISA Rocky Mountain Bioengineering Symposium. Copper, CO, April 5, 2008.
29. Paulus, David C., R.F. Reiser, and W.O. Troxell. "Interactive Variable Resistance Exercise System: Concept and Preliminary Results." 41st Rocky Mountain Bioengineering Symposium. Copper, CO, April 4, 2008.
30. Paulus, David C., M.C. Reynolds. "Controlled Variable Resistance Squat Device System Response." Mid-South Area Engineering & Sciences Conference. Oxford, MS, May 17, 2007.
31. Paulus, David C., J.J. Paulus. "Activation of Abandoned Solar Hot Water System: A Hospital Expansion Energy Analysis." Solar 2006 - Renewable Energy Key to Climate Recovery. Denver, CO, April 2006.

PROFESSIONAL DEVELOPMENT

2025	University of Arkansas UARK Leaders Program
2020	Constraints Management , Washington State University, Theory of Constraints
2014	Excellence in Teaching Online , Certification of Instructional Effectiveness, Washington State University
2013	Fifth Annual Arkansas Aerospace Summit , Fort Smith, AR
2013	Advanced Ergonomics and Injury Prevention : Theory, Practice and Litigation, Oxford Research Institute
2012	Solid Works : Advanced Part Modeling and Advanced Assembly
2011	Collaborative Institutional Training Initiative (CITI) Certification for NASA Human Subjects Research Curriculum
2008	NASA Space Sensors and Measurement Techniques Workshop
2008	Blackboard Learning System , Online course development training
2005	Dale Carnegie Course , Effective Communication & Human Relations
2003	Introduction to ANSYS , finite element analysis software course

PATENT APPLICATIONS

2012/0190,502 - ADAPTIVE EXERCISE PROFILE APPARATUS AND METHOD OF USE THEREOF
2011/0195,819 - ADAPTIVE EXERCISE EQUIPMENT APPARATUS AND METHOD OF USE THEREOF
2011/0172,058 - VARIABLE RESISTANCE ADAPTIVE EXERCISE APPARATUS AND METHOD OF USE THEREOF
2011/0165,996 - COMPUTER CONTROLLED EXERCISE EQUIPMENT APPARATUS AND METHOD OF USE THEREOF
2011/0165,995 - COMPUTER CONTROLLED EXERCISE EQUIPMENT APPARATUS AND METHOD OF USE THEREOF
2011/0165,997 - ROTARY EXERCISE EQUIPMENT APPARATUS AND METHOD OF USE THEREOF
2009/12545,324 - PHYSICAL THERAPY DEVICE WITH ADAPTIVE CONTROL

PROFESSIONAL ACTIVITIES & HONORS

2020	Nominated for Best WSU Global Campus Instructor
2019	Nominated for Best WSU Global Campus Instructor
2018	Nominated for Best WSU Global Campus Instructor
2014	Appointed Member of Board of Directors - Rocky Mountain Bioengineering Symposium
2011	Best Presentation Award, Rocky Mountain Bioengineering Symposium
2008	Best Professional Paper Award, Rocky Mountain Bioengineering Symposium
2005	Human Relations Award, Dale Carnegie Course

EXPERT TESTIMONY

1. DELTA T LLC d/b/a BIG ASS FANS, v. MACROAIR TECHNOLOGIES, INC, case number 5:20-cv-00728, U.S. District Court for the Central District of California (2024).
2. BRIAN SCOTT MICHAEL v. CABELA'S WHOLESALE, LLC AND EXCALIBUR CROSSBOW, INC., Civil Action No.: 47-CV-2021-901066.00, In the Circuit Court of Madison, County, AL, (2023).
3. DOMETIC CORPORATION v. (PATENT OWNER) CERTAIN MARINE AIR CONDITIONING SYSTEMS, Inv. No. 337-TA-1346, UNITED STATES INTERNATIONAL TRADE COMMISSION WASHINGTON, D.C. (2023).
4. TIFFANY M. CARPENTER v. HUNTER'S MANUFACTURING COMPANY, INC. D/B/A TENPOINT CROSSBOW TECHNOLOGIES; DUNHAM'S ATHLEISURE CORPORATION D/B/A DUNHAM'S SPORTS; JASON McLAUGHLIN, an individual; et al. Civil Action Number

- 39-CV-2020-900099.00. IN THE CIRCUIT COURT OF JACKSON COUNTY, ALABAMA (2023)
5. PELOTON INTERACTIVE, INC (PETITIONER) v. MAD DOGG ATHLETICS, INC (PATENT OWNER), UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, CASE IPR2022*00016 AND IPR2022-00017INTER PARTES REVIEW OF U.S. PATENT NO. 9,694,240 and 10,137,328 (2022)
 6. JAMES COMPTON v. MONCLA MARINE, LLC No. 2:17 – CV-2258H(4) (2022) UNITED STATES DISTRICT COURT, EASTERN DISTRICT OF LOUISIANA, TRIAL TESTIMONY
 7. DELTA T LLC d/b/a BIG ASS FANS,v. MACROAIR TECNOLOGIES, INC., Case No. 5:20-cv-00728-GW-GJS - 5:20-cv-01489-GW-GJS (2022) UNITED STATES DISTRICT COURT CENTRAL DISTRICT OF CALIFORNIA EASTERN DIVISION
 8. DUANE JOHNSON ,v. PRIMAL VANTAGE COMPANY INC,PLANO SYNERGY HOLDINGS, INC., WALMART, INC, WAL-MART STORE EAST I, LP, and JIM HAHNE, NO.: 19MC-CV00087 (2022) CIRCUIT COURT OF MCDONALD COUNTY, MISSOURI
 9. MAD DOGG ATHLETICS, INC v. PELOTON INTERACTIVE, INC No. 2:20 CV-00382-JRG (2021) UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS, MARSHALL DIVISION
 10. BEN EDWARDS v. RIVERWALK ARKANSAS ASSOCIATES, LLC and SOMERSET APARTMENT MANAGEMENT, LLC No 60CV-19-6314 (2021), CIRCUIT COURT OF PULASKI COUNTY, ARKANSAS, FIFTH DIVISION
 11. PATRICIA GRAHAM v. SAN MIGUEL MEXICAN RESTAURANT No. CV-47,618 (2021) STATE OF LOUISIANA, PARISH OF OUACHITA, FOURTH JUDICIAL DISTRICT COURT
 12. LIPPINCOTT v. SOUTHWEST AIRLINES CO. No. a-17-750429-C (2020) DISTRICT COURT CLARK COUNTY, NEVADA
 13. JAMES FUSILIER v. CROSBY TUGS LLC No. 2:19 – CV – 11258 (2020) UNITED STATES DISTRICT COURT EASTERN DISTRICT OF LOUISIANA DIVISION “M” SECTION (3)
 14. JAMES COMPTON v. MONCLA MARINE, LLC No. 2:17 – CV-2258H(4) (2020) UNITED STATES DISTRICT COURT, EASTERN DISTRICT OF LOUISIANA
 15. SHIRLEY DAVIDSON v. WAL-MART LOUISIANA, LLC ET AL No. 3:17-cv-01664 RGJ-KLH (2019) UNITED STATES DISTRICT COURT WESTERN DISTRICT OF LOUISIANA MONROE DIVISION
 16. SCOTT KERSHAW v. NELSON INDUSTRIAL STEAM COMPANY, et al, NO. 2015-3461 (2019) 14TH JUDICIAL SITRICT COURT, PARISH OF CALCASIEU, STATE OF LOUISIANA
 17. SAMUEL BETI v. ARIZONA THERAPY SOURCE SALES AND SERVICE, INC., No. CV2017-012355 (2019) SUPERIOR COURT OF THE STATE OF ARIZONA, FOR THE COUNTY OF MARICOPA
 18. ROBERT HITPAS v. EXCEL BOTTLING CO. No. 2016-L-528 (2018) CIRCUIT COURT, TWENTIETH JUDICIAL CIRCUIT, ST. CLAIR COUNTY, ILLINOIS
 19. WILLIAM WILSON v. ICON HEALTH & FITNESS, INC. No. N15C-12-151 JRJ (2018) SUPERIOR COURT OF THE STATE OF DELAWARE
 20. ROBERT SHORTER v. TAHSIN INDUSTRIAL CORP. No 14MC-CV00682 (2018) CIRCUIT COURT OF NEWTON COUNTY, MISSOURI
 21. GRADY KENT v. INTERNATIONAL PAPER COMPANY. No. CV3:17CV0350 WHB-JCG (2018) UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF MISSISSIPPI NORTHERN DIVISION
 22. SAMUEL BETI v. STRENGTH TRAINING INTERNATIONAL, INC., No. CV2014-011009 (2017) SUPERIOR COURT OF THE STATE OF ARIZONA, COUNTY OF MARICOPA
 23. DIANNE KRUMMEL v. REHRIG PACIFIC, INC., No. 2:16-cv-02546 (2017) UNITED STATES DISTRICT COURT, EASTERN DISTRICT OF LOUISIANA
 24. RD DANLEY v. MONDI BAGS USA, LLC, No. 35CV-2015-332 (2016) UNITED STATES DISTRICT COURT, EASTERN DISTRICT OF ARKANSAS, PINE BLUFF DIVISION

25. GREGG RATCLIFF v. RADVA CORPORATION, No. CLI5-4157 (2016) CIRCUIT COURT FOR THE CITY OF RADFORD, VIRGINIA
26. MARIO MEJIA v. HONEYWELL INTERNATIONAL, INC. No. 2:14-CV-02447 (2015) UNITED STATES DISTRICT COURT, EASTERN DISTRICT OF LOUISIANA
27. KATHY KARRIKER v. CLUB FITNESS, INC. No. 1311-CC00697 (2015) STATE OF MISSOURI, CIRCUIT COURT OF ST. CHARLES COUNTY
28. MARTIN WIMBERLY v. HARVEY GULF INTERNATIONAL MARINE, LLC. No 14-1208 (2015) UNITED STATES DISTRICT COURT, EASTERN DISTRICT OF LOUISIANA, SECTION "B" (5)
29. JAY BURNS and RICHARD BURNS v. VALERO MARKETING AND SUPPLY COMPANY, MEETAL, INC., MR KAT, INC., FROST OIL CO. No 17-CIV-2011-698(II) (2014) CIRCUIT COURT OF CRAWFORD COUNTY, ARKANSAS
30. JOHNSON HEALTH TECH CO. LTD. and JOHNSON HEALTH TECH NORTH AMERICA, INC.(Petitioners) v. ICON HEALTH & FITNESS, INC. (Patent Owner), CASE IPR2013-00463, Patent 6,702,719 (2014) UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, CORRECTED PETITION FOR INTER PARTE REVIEW OF U.S. PATENT 8,298,123 UNDER 35 USC 311-319