

Scott Milan Milkovich, PhD

Curriculum Vitae

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SYNOPSIS

Dr. Scott Milkovich is an internationally recognized expert in the field of consumer-product injury prevention, through safe design. He works with numerous Fortune 500 corporations* ensuring that their products not only meet safety regulations, but are also “*truly safe*” for their customers. “*Truly Safe*” is a concept that Dr. Milkovich defines as a proactive “hazard reduction” approach to risk analysis. *Truly safe* begins with a holistic review of “*who*” are all the potential end users that could interact with the product as well as “*how*” they interact with it, independent of intended use. This assessment is followed by an active phase of hazard elimination through design modifications to the product, if needed. As an experienced expert, Dr. Milkovich works with his clients to develop best-practice standards, methodologies and guiding principles, tailored to the client’s specific products and product categories, to drastically reduce risk of injury. The end goal is to avoid customer injuries, by minimizing and then eliminating the gap between safety regulations and a product which is *truly safe* for all users, thus protecting the client’s brand. Utilizing his education in Materials Engineering Science coupled with an understanding of human anatomy, Dr. Milkovich has gained a unique insight into the mechanisms of accidental injury, and thus their mitigation. This knowledge has been gained over 20 years of partnering with the medical community, primarily with world-recognized pediatric practitioners. His accomplishments have been recognized via an extensive list of publications, patents and awards.

A safe consumer product begins with its initial creation and design. Dr. Milkovich enables his clients to achieve this goal by providing them with critical information early in their design phase. This allows them to circumvent costly changes during production and, more importantly, avoid injuries to customers once the product enters the market.

Dr. Milkovich also has expertise in product failure analysis and crisis management. Supply chains are complex and the ability to respond quickly and thoroughly is a mandate. Having supported clients who have experienced customer injuries and product recalls, Dr. Milkovich has guided them through these unfortunate situations by deploying product failure analysis. He has led post-crisis analysis, which is critical in assessing what went wrong, and thereby helping his clients improve their design and manufacturing processes to avoid reoccurrences.

In addition to hands-on product review and consulting, Dr. Milkovich is a recognized lecturer in the field of injury prevention, performing open-enrollment training and in-house client-specific training. Dr. Milkovich’s lecture topics include:

- (1) an overview of the methodologies and risk-reduction approach to the concept of “*Truly Safe*”;
- (2) analysis of injury and fatality statistics;
- (3) the concept of foreseeable use of consumer products;
- (4) identification/mitigation of the mechanism of injuries using the science of human factors; and
- (5) safety engineering of *truly* safe consumer products.

*Clients include: McDonald’s Corporation, Chick-fil-A, Lego, Proctor & Gamble, Nike, Unilever, Kimberly-Clark, S.C. Johnson, Radio Flyer, Kraft Foods, Gerber/Nestlé, Ikea, Wrigley, Marks & Spencer, Infantino, Baby Bjorn, Playtex, Tomy, Stokke AS, Gillette, Spin Master, Upper Deck, Activision, The Walt Disney Company, Idea Planet, Mattel, Shure Audio, The Manhattan Toy Company, The Step2 Company, Dick’s Sporting Goods, Newell Brands, Crayola, Li & Fung, RR Donnelley, Dollar Tree Stores, among others.

STRATEGIC INITIATIVES

Liaise with the Medical Community

A key aspect of injury prevention is a clear understanding of the mechanism(s) of injury. Many of the details are either unpublished or unknown, including: anatomical and physiological details, specific anthropometric measurements, as well as the dimensions and properties of the consumer product involved in the injury.

MRI/CT Scan Analysis

Dr. Milkovich is currently working with a large set of CT/MRI scans, from children aged 0 to 6 years old, in cooperation with Nemours’ Hospital for Children, making detailed anthropometric measurements of the head and neck, as a function of age. This data will be published soon. He is also de-constructing the scans in terms of structure: bone, muscle, fat, airway and major vessels. These scans will be used for both virtual and physical modeling, in order to understand injury mechanisms, thus enabling clients to avoid customer injuries via safer product designs.

Bio-Simulating Materials and 3D Printing

Using CT/MRI data, coupled with various materials that have the same elastic properties as human tissue, Dr. Milkovich is vastly improving physical hazard assessment models. Realistic manikins are constructed using 3D printing and cast-able bio-simulating materials. These models simulate choking, aspiration, suffocation, strangulation and similar potential hazards with consumer products, allowing his clients to improve their designs before their products are produced or distributed.

Sensors and Controls

The recent introduction of low-cost, open-source micro-controllers (e.g., Arduino and similar) has greatly increased the sensing and control of the physical hazard assessment models cited above. It is now possible to achieve wireless data collection, as well as function-feedback, for low-cost and in a small package.

Pediatric Biomechanics

A data-collection activity to make direct measurements of the various forces that children are able to generate, as a function of age, for use in enabling robust product design. Over the years, Dr. Milkovich has compiled thousands of measurements for: tension, torque, compression, throwing, biting and pulling,

among others. This data is vital when designing products to withstand the forces their end-users will impose on them.

Injury Prevention of Button Cell Battery Ingestion

Since 1999, Dr. Milkovich has developed research proposals related to the mechanism of burn injury that occurs when a button-cell battery is ingested and becomes lodged in the esophagus. He continues to champion this work and serves on the Button Battery Task Force formed by the American Broncho-Esophagological Association and the American Academy of Pediatrics.

AWARDS AND RECOGNITION

Key Note Speaker

“Foreign Body Injury Prevention through Safer Design of Products,” 9th Annual Foreign Body Pediatric Airway Endoscopy Course for Otolaryngology Residents in the Northeast, Children’s Hospital of Philadelphia, March 2015.

Grand Rounds Speaker

“The Science of Injury Prevention,” Pediatric ENT Dept., Nemours / Alfred I. DuPont Hospital for Children, Wilmington, DE, November 2010.

Recipient of the Seymour Cohen Award

This prize is awarded by the American Broncho-Esophagological Association (ABEA) for the best original research conducted by a resident, fellow or attending physician.

- Awarded May 2016 at the annual meeting of the ABEA: K. Jatana, MD, K. Rhoades, S. Milkovich, PhD and I. Jacobs, MD, “Mechanism of Button Battery Ingestion Injuries and New Mitigation Strategies,” submitted to *The Laryngoscope* for publication.
- Awarded February 1999 at the annual meeting of the ABEA: R. Stevens, MD, J. Lane, MD, S. Milkovich, PhD, D. Stool, G. Rider and S. Stool, MD, “Prevention of Accidental Childhood Strangulation: Where is the Site of the Obstruction?” *International Journal of Pediatric Otolaryngology*, Vol. 49, Supplement 1, October 1999.

Reviewer, International Journal of Pediatric Otorhinolaryngology

The purpose of the *International Journal of Pediatric Otorhinolaryngology* is to concentrate and disseminate information concerning prevention, cure and care of otorhinolaryngological disorders in infants and children.

Board of Directors (2003 to 2007)

The Society for Ear, Nose and Throat Advances in Children (SENTAC) Inc., is a non-profit interdisciplinary professional organization founded in 1973. The Board of Directors’ mission as a member of SENTAC is to help guide the strategic initiatives of the organization. SENTAC members represent more than 300 health care professionals including physicians, speech-language pathologists, audiologists, nurses, researchers and others.

Industry Member of the Button Battery Task Force

To mitigate against the continued rise in life-threatening injuries, a national Button Battery Task Force was assembled to pursue a multi-faceted approach to injury prevention. This multidisciplinary task force was established in 2012 under the American Broncho-Esophagological Association and the American Academy of Pediatrics with the overall mission of reducing button battery injuries in children. The task force is led by Dr. Ian N. Jacobs, MD (medical director of the Center for Pediatric Airway Disorders in the Division of Otolaryngology (ENT) at The Children's Hospital of Philadelphia) and includes representatives from medicine, public health, industry, poison control and government.

U.S. Consumer Product Safety Commission (CPSC) Research Partnership

In December 2000, the then Chairman of the U.S. Consumer Product Safety Commission (CPSC), Ann Brown requested that Intertek share their injury prevention technology with the CPSC. In a unique partnership between the private sector and a federal agency, McDonald's Corporation and Intertek transferred state-of-the-art technology to evaluate the safety of toys and other children's products. Dr. Milkovich led this technology transfer and training activity over a two-year period giving the CPSC technical staff additional tools to evaluate safety problems, such as choking, suffocation, strangulation, and button cell battery ingestion hazards - the leading causes of deaths and injuries associated with children's products.

Pro Bono Expert Witness

Provided expert testimony on behalf of a mother, whose long hair became entangled around her infant daughter's neck, during co-sleeping, resulting in a near-strangulation incident. The prosecution found her story not credible, and she was accused of child abuse, incarcerated, and her children placed into foster care. After judge and prosecution listened to Dr. Milkovich's deposition, the case was dismissed. Umatilla, FL, 2004.

Kids in Danger / Teaching, Advisory Board, Volunteer

Kids In Danger (KID) is a nonprofit organization dedicated to protecting children by fighting for product safety. KID was founded in 1998 by the parents of sixteen-month-old Danny Keysar who died when a portable crib collapsed around his neck in his Chicago childcare home. KID's mission is to save lives by enhancing transparency and accountability through safer product development, better education and stronger advocacy for children. We fulfill our mission by reaching out to caregivers to spread safety awareness and recall information, serving as a watchdog on regulatory agencies and manufacturers, and working with designers and engineers to make safety a top priority.

EDUCATION

1981 – 1984	Ph.D.	Material Engineering Science	Virginia Tech, Blacksburg, VA
1980 – 1981	M.S.	Materials Engineering	Virginia Tech, Blacksburg, VA
1975 – 1980	B.S.	Materials Engineering	Virginia Tech, Blacksburg, VA
1984 – 1991	M.B.A.	Business Administration	Roosevelt University, Chicago, IL

Dissertation

S.M. Milkovich, "Space Radiation Effects on Graphite/Epoxy Composite Materials," Doctoral Dissertation, Virginia Polytechnic Institute and State University, Blacksburg, VA, May 1984.

Thesis

S.M. Milkovich, "Electrolytic Hydrogen Charging and Magnetic Effects on hydrogen Permeation in Mild and Stainless Steels," Master's Thesis, Virginia Polytechnic Institute and State University, Blacksburg, VA, December 1981.

INDUSTRY EXPERIENCE

Neoteric Engineering, LLC, Glen Ellyn, IL

2016 – Present *CEO and Principal Innovist*

Created Neoteric Engineering to bring the practical application of engineering to solve real-world business needs. As an experienced, globally-recognized, doctoral-level Materials Science Engineer coupled with an MBA, I am well-positioned to understand the needs and drivers of the business world and deliver innovative approaches and solutions.

College of DuPage, Glen Ellyn, IL

2016 – Present *Adjunct Faculty*

Teaching: Physics 2111 – Physics I for Engineers & Scientists (calculus-based). Lecture and Lab.
Physics 1100 – Physics I (algebra-based). Lab only
Engineering 1101 – Engineering Graphics & Design. Lecture and Lab.
Engineering 2202 – Engineering Dynamics. Lecture.
Engineering 2203 – Mechanics of Materials. Lecture.

Recognition: Recipient of Outstanding Adjunct Faculty Award 2018.

North Central College, Naperville, IL

2016 – Present *Adjunct Faculty*

Teaching: Physics 131 – Physics I (algebra-based). Lab only.
Physics 132 – Physics II (algebra-based). Lecture only.
Physics 211 – Engineering Statics. Lecture.
Physics 251 – Mechanics of Materials. Lecture.
Engineering 110 – (ENGR 110) The Engineering Method. Lecture and Lab.
Engineering 220 – (MECH 220) Mechanical Design I
Engineering 280 – (ELEC 280) Microcontrollers

Teaching Philosophy Statement

I am an engineer. I don't mean that this is my profession; I mean that I live my life as an engineer. It's the way that I look at the world. It's the way that I work, think and learn. The most successful engineers build systems that combine technological acumen and innovative thinking. When students leave my class, I want them to have the foundational knowledge that grounds their ideas in practice and inspires them to let go of constraints and consider possibilities. This approach is embodied in my class instruction and assignments.

Intertek, Product Assurance Group, Oak Brook, IL

2014 – 2016	Chief Engineer and Sr. VP, Product Assurance group
2007 – 2014	Chief Operating Officer and Sr. VP Intertek CGNA
2004 – 2007	Sr. VP, Intertek RAM
1999 – 2004	VP, Global Research & Technology
1996 – 1999	Senior Research Scientist

Responsibilities

To protect, maintain, and enhance Intertek Product Assurance (PA) Group's Intellectual Property (IP) including, but not limited to, unique information databases, virtual modeling, physical modeling, risk analysis, medical liaisons, process adherence, accuracy and validity of work products, internal mentoring and training in the art, ultimately resulting in delivery of a unique and superior service thus insuring client brand protection and customer satisfaction.

Client-Based Accomplishments

McDonald's Happy-Meal Safety Group

As Intertek's senior representative to the McDonald's toy safety team, Dr. Milkovich reviewed and consulted on thousands of toy designs annually, for both domestic and global markets, as McDonald's safely produced billions and billions of Happy Meal® toys during Dr. Milkovich's tenure. McDonald's safety record for their billion-dollar Happy Meal® brand is world renown with no fatalities nor hospitalization injuries over 25 years. Dr. Milkovich was a key consultant to the entire McDonald's system as they developed their hazard-reduction specifications to fill the gap left by simple regulatory requirements. Dr. Milkovich also consulted on McDonald's overseas production and quality assurance programs, having made annual visits to factories in the U.S., China, Vietnam, and Canada to assure the success of these measures. Dr. Milkovich was frequently called upon, globally, as a strategic thought leader and crisis manager.

Chick-fil-A Safety Group

Dr. Milkovich joined the newly-created Kids Meal® safety team in the year 2000. After Chick-fil-A endured several product recalls, Dr. Milkovich teamed with Chick-fil-A and their partners to reinvent their safety program. Today, Chick-fil-A is the fastest growing Quick-Service Restaurant and is safely producing tens-of-millions of Kids Meal® toys and promotional items annually with a flawless safety record. As a result of Dr. Milkovich's efforts, the company has successfully implemented *truly safe* specifications and methodologies, both domestically and overseas.

Radio Flyer

Radio Flyer, the maker of the iconic little red wagon, produces an innovative, wide-range of rideable toys for children including a variety of wagons, tricycles, "convertibles" (stroller to push-cart to tricycle), electrically-powered cars, mini roller-coasters, walkers and rockers. Dr. Milkovich reviews

these items at their design-stage, ensuring that all safety considerations are addressed prior to production, and thus avoiding expensive rework.

Procter & Gamble

Dr. Milkovich has contributed to numerous projects with Procter & Gamble, researching previously non-addressed safety issues. His analysis focused on the areas of suffocation and strangulation in infant products, specifically disposable bibs, baby wipes and stray diaper fibers. Dr. Milkovich has performed numerous on-site training sessions, and jointly published an article with Procter & Gamble on the topic of “Frequency of Caregiver Supervision of Young Children during Play”.

Basic Industrial Research Laboratory, Northwestern University, Evanston, IL

1990 – 1996 Research Scientist III

Work Performed:

BIRL, a non-profit contract R&D laboratory, was Northwestern University’s technology transfer bridge to industry. Dr. Milkovich worked in the field of fiber-reinforced composite materials for both the aerospace industry, as well as infrastructure applications (e.g., bridges, transmission pipelines and earthquake reinforcement). He also conducted research with *in situ* sensing and control during composite material fabrication – autoclave and resin transfer molding.

Northrop Corporation, Rolling Meadows, IL

1988 – 1990 Project Engineer
1987 – 1988 Engineering Specialist
1984 – 1987 Senior Engineer

Work Performed:

Under a “Secret” government security clearance, Dr. Milkovich worked on design and fabrication of the fiber-reinforced composite antenna housings for the B-2 Stealth Bomber, along with other similar classified programs.

NASA-Langley Research Center, Hampton, VA

1981 – 1984 Graduate Research Assistant

Work Performed:

Dr. Milkovich conducted his doctoral research on-site investigating the long-term, low-earth orbit environmental effects on the mechanical properties of fiber-reinforced composite materials.

Virginia Tech, Blacksburg, VA

1980 – 1984 Graduate Research Assistant

Work Performed:

Dr. Milkovich completed research on the environmental degradation of fiber-reinforced composite materials in LEO (Low-Earth Orbit) as a part of his doctoral program.

Crucible Steel, Midland, PA

1976 – 1980 Cooperative Education Student

Work Performed:

While completing his undergraduate degree, Dr. Milkovich worked in the metallurgical department earning college credit.

MEMBERSHIP IN PROFESSIONAL SOCIETIES

1998 – Present	EuroSafe, formally known as European Consumer Safety Association (ECOSA)
1997 – Present	Society for Ear Nose and Throat Advances in Children (SENTAC)
1996 – Present	International Consumer Product Health and Safety Organization (ICPHSO)
1984 – 1996	Society for the Advancement of Materials and Processes Engineering (SAMPE)

SERVICE

2016 – Present	Kids in Danger, Fighting for Product Safety, Volunteer Instructor
2012 – Present	Industry Member of the Button Battery Task Force
2006 – 2016	Member of the Radio Flyer Company's Safety Committee
2002 – 2016	Member of the Chick-fil-A Company's Safety Committee for Non-Food Items (Kid's Meals)
1997 – 2016	Member of the McDonald's Corporation Global Safety Committee for Non-Food Items (McToy)

TEACHING / Consumer Product Safety

Product Safety Training (Awareness, Basic, and Intensive Courses)

Dr. Milkovich is the author and educator of Intertek's global product-safety training program, which is held four times per year in the United States, Europe, and the Far East. Not only a source of revenue in its own right (\$120,000 per year over the past 20 years), the program represented a strategic and primary business development opportunity. Attending the program were an estimated 200 individuals per year that represented product designers, safety and quality-assurance engineers, manufacturing engineers, business affairs, and legal compliance officers, as well as senior management. Dr. Milkovich's "*truly safe*" approach to risk management and injury prevention fueled additional project work, funded research, and bolstered Intertek's retainer clients which totaled \$15 million in annual consultancy work.

CDi Training Contributing Safety Expert to RAM Consulting's CD-ROM

Internet training product on Basic Safety Training (Consumer Products).

PATENTS

- 1.) **Method & Apparatus for Measuring Pediatric Biomechanics**, Inventors: Scott M. Milkovich, PhD, Daniel K. Stool, and Erick Ramos, Assignee: Risk Analysis & Management, USA, Application No: 09/182,628, Filed: October 30, 1998, Issued: May 23, 2000, U.S. Patent 6,065,337.
- 2.) **Apparatus & Method for Measuring Strangulation Effect**, Inventors: Eugene D. Rider, Brain Rider, Daniel Stool, Scott Milkovich, PhD, and Tao Xu, PhD, Assignee: Risk Analysis & Management, USA, Application No: 09/408,171, Filed: September 29, 1999, Issued: June 6, 2001, U.S. Patent 6,230,574.
- 3.) **Apparatus & Method for Assessing Burn Injury from Flammable Materials**, Inventors: Daniel K. Stool, Merrill Zavod, Scott Milkovich, PhD, and Eugene D. Rider, Assignee: Risk Analysis & Management, USA, Application No: 09/413,253, Filed: October 7, 1999, Issued: January 17, 2002, U.S. Patent 6,312,155.
- 4.) **Mechanical Lungs**, Inventors: John E. Owens, Scott M. Milkovich, Daniel K. Stool, Patrick Doherty, Assignee: RAM Consulting, USA, Application No: 10/014,421, Filed: December 14, 2001, Issued: Jun. 28, 2005, U.S. Patent 6,910,896.
- 5.) **Manikin having a Bio-Simulating Material and a Method of Making the Same**, Inventors: John E. Owens, Scott M. Milkovich, Daniel K. Stool, Assignee: RAM Consulting, USA, Application No: 10/014,534, Filed: December 14, 2001, Issued: Oct. 25, 2005, U.S. Patent 6,957,961.
- 6.) **Knowledge Portal for Accessing, Analyzing and Standardizing Data**, Inventors: Xiao Chen, Erh-An Huang, Scott Milkovich, Eugene Rider, Assignee: RAM Consulting, USA, Application No: 10/923,691, Filed: August 24, 2004, Issued: May 20, 2008, U.S. Patent 7,376,644.
- 7.) **Knowledge Portal for Accessing, Analyzing and Standardizing Data** Inventors: Xiao Chen, Erh-An Huang, Scott Milkovich, Eugene Rider, Assignee: RAM Consulting, European patent application No.: 05000181.7
- 8.) **Knowledge Portal for Evaluating Product Attractiveness and Risk**, Inventors: E. Rider, S. Milkovich, T. Brown, X. Chen, E.-A. Huang, USA, Application No: 10/757,578 January 15, 2004.
- 9.) **Haptic Response System and Method of Use**, Inventors: R. Altkorn, X. Chen, S. Milkovich, J. Owens, B. Rider, E. Rider, D. Stool, USA, Application No: 10/941,088 September 15, 2004.
- 10.) **Haptic Response System and Method of Use**, Inventors: R. Altkorn, X. Chen, S. Milkovich, J. Owens, B. Rider, E. Rider, D. Stool, European Patent Application No.: 04022050.1 Filed: September 16, 2004.

PUBLICATIONS, PROCEEDINGS, AND PRESENTATIONS

Journal Articles & Book Chapters

- 1.) "Computerized Tomography Analysis of Young Children for Prevention of Aspiration Injuries" Milkovich NM (University of Virginia College of Engineering, Charlottesville, Virginia), Milkovich SM (Neoteric Engineering LLC, Glen Ellyn, Illinois), Harty MP (Department of Medical Imaging, Wilmington, Delaware, Department of Radiology at Thomas Jefferson University, Philadelphia, Pennsylvania), Kecskemethy HH (Department of Medical Imaging, Wilmington, Delaware, Department of Biomedical Research, Nemours/Alfred I. duPont Hospital for Children, Wilmington, Delaware), Bridgell JW (Department of Surgery (Otolaryngology), Wilmington, Delaware, Department of Otolaryngology-Head and Neck Surgery, Philadelphia, Pennsylvania), Levi JR (Department of Surgery (Otolaryngology), Wilmington, Delaware), Reilly JS (Department of Surgery (Otolaryngology), Wilmington, Delaware, Department of Otolaryngology-Head and Neck Surgery, Philadelphia, Pennsylvania, Department of Otolaryngology, Boston University Medical Center, Boston Massachusetts), *Laryngoscope*, 2019 Jun; 129(6):1468-1476. doi:10.1002/lary.27354. Epub 2018 Oct 3.
- 2.) "Basic Mechanism of Button Battery Ingestion Injuries and Novel Mitigation Strategies After Diagnosis and Removal", Kris R. Jatana, MD; Keith Rhoades, BS; Scott Milkovich, PhD; Ian N. Jacobs, MD, *Laryngoscope*, 2017 Jun; 127(6):1276-1282. doi:10.1002/lary.26362. Epub 2016 Nov 9.
- 3.) "Development of the small parts cylinder: lessons learned," *The Laryngoscope*, S. Milkovich PhD, R. Altkorn PhD, X. Chen, J.S. Reilly MD, D. Stool, L. Tao, and G. Rider, 2008.
- 4.) "Fatal and non-fatal food injuries among children (aged 0-14 years)," *International Journal of Pediatric Otolaryngology*, R. Altkorn PhD, X. Chen, S. Milkovich PhD, D. Stool, G. Rider, C.M. Bailey MD, A. Haas MD, K.H. Riding MD, S.M. Pransky MD, and J.S. Reilly MD, 2008.
- 5.) "Frequency of caregiver supervision of young children during play," *International Journal for Injury Control and Safety Promotion*, X. Chen, M. Beran, R. Altkorn PhD, S. Milkovich PhD, K. Gruaz, G. Rider, A. Kanti PhD, and J. Ochsenhirt PhD, 2007.
- 6.) "Lifespan Perspectives on the Foreseeable Use of Consumer Products," *Ergonomics in Design*, M. Beran, E. Nielsen, R. Altkorn PhD, S. Milkovich PhD, and G. Rider, 2007.
- 7.) "Pediatric Coin Ingestion Injuries: Recommendations for Prevention," *The Laryngoscope*, X. Chen, J. S. Reilly MD, S. Milkovich PhD, G. Rider, 2007.
- 8.) "Prevention of Noise Induced Hearing Loss in Children," *SENTAC Annual Meeting Proceedings*, B. Altkorn PhD, S. Milkovich PhD, D. Stool, 2007.
- 9.) R. Altkorn PhD, S. Milkovich PhD, G. Rider, D. Stool, "Prevention of Noise Induced Hearing Loss in Children," *SENTAC 33rd Annual Meeting, Baltimore MD*, December 1-4, 2005.
- 10.) S. Milkovich PhD, R. Altkorn PhD, X. Chen, D. Stool, L. Tao, G. Rider, "Effectiveness of the SPTC for Injury Prevention," *SENTAC 33rd Annual Meeting, Baltimore MD*, December 1-4, 2005.

- 11.) S. Milkovich PhD, D. Stool, J. Owens, X. Chen, M. Beran, "Accidental Childhood Strangulation by Human Hair," *International Journal of Pediatric Otolaryngology*, Vol. 69, Issue 12, Pages 1621-1628, December 2005.
- 12.) N. Chan PhD, H.C. Chao MD, L. Tao, X. Chen, D. Stool, S.M. Milkovich PhD, G. Rider, "Button Cell Batteries Ingestion: A Comparison of American and Taiwanese Experience," *3rd Asian Regional Conference on Safe Communities Conference Proceedings*, Section 2, pages 117 – 120, October 2005.
- 13.) B. Altkorn PhD, S. Milkovich PhD, and G. Rider, "Light Emitting Diode Safety and Safety Standards," *Proceedings of the 2005 IEEE Symposium on Product Safety Engineering*, October 2005.
- 14.) B. Altkorn PhD, S. Milkovich PhD, and G. Rider, "Measurement of Noise from Toys," *NoiseCon2005 Conference Proceedings*, October 2005.
- 15.) B. Altkorn PhD, S. Milkovich PhD, G. Rider, "Measurement of Noise from Toys," *Journal of the Acoustical Society of America*, volume 118, No. 3, Part 2, page 1953, September 2005.
- 16.) X. Chen, S. Milkovich PhD, D. Stool, AB van As MD, J. S. Reilly MD, and G. Rider. "Pediatric Coin Ingestion and Aspiration," *International Journal of Pediatric Otolaryngology*, 2005.
- 17.) J. Reilly MD, X. Chen, S. Milkovich PhD, D. Stool, G. Rider. "Foreign Body Injury Survey Internet Reporting Tool," *International Journal of Pediatric Otolaryngology*, 2004.
- 18.) G. Rider, S. Milkovich PhD, J. Naujokas, "Switching to the Euro: Still Hard to Swallow (Abstract Entry)," *ICPHSO Update*, Second Issue 2004.
- 19.) G. Rider, S. Milkovich PhD, J. Naujokas, "RAM Basic Safety Training," *ICPHSO Update*, Second Issue 2004.
- 20.) S. Milkovich PhD, G. Rider, D. Greaves, D. Stool, X. Chen, MSc., "Application of Data for Prevention of Foreign Body Injury in Children," *International Journal of Pediatric Otorhinolaryngology Supplement Advances in Pediatric Otorhinolaryngology. Selected extended abstracts from the 8th International Congress of Pediatric Otorhinolaryngology*. Edited by J.M. Graham and R.J. Ruben. Volume 67 Suppl., pp. S179–S182, December 2003.
- 21.) N. Chan PhD, S. Milkovich PhD, G. Rider, D. Greaves, D. Stool, X. Chen MSc, "Cross-Cultural Application of Data for Prevention of Foreign Body Injury and Fatality in Children," *XVth Triennial Congress of the International Ergonomics Association*, 2003.
- 22.) S. Stool MD, R. Stevens MD, S. Milkovich PhD, G. Rider, D. Stool, "Prevención de Accidentes en Otorrinolaringología," *III Manual de Otorrinolaringología Pediátrica de la Interamerican Association of Pediatric Otorrinolaringology (IAPO)*, pp 39 – 41, September 2003.

- 23.) W. Fox MD, T. Shaffer PhD, D. Stool, S. Milkovich PhD, G. Rider, X. Chen, MSc, R. Ryan MD, S. Stool, MD, "A Computerized, Robotic Model for Evaluation of Infant Strangulation," *Pediatric Research*, 53(4): 341A, May 2003.
- 24.) G. Rider, D. Stool, and S. Milkovich PhD, "Development of a Criteria to prevent Tympanic Membrane Perforation Caused by Children's Products," *International Journal for Injury Control and Safety Promotion*, Vol. 9, No. 3, pp 169-173, September 2002.
- 25.) B. Rider, J. Daily, W. Bailey, S. Milkovich PhD, G. Rider, "FEA Modeling of Burn Injury in Tissue Quantifies Hazard Associated with Consumer Products," *Proceedings from the National Agency for Finite Element Methods and Standards (NAFEMS) World Congress 2001*, April 2001.
- 26.) J. S. Reilly MD, G. Rider, S. Milkovich PhD, "Hazards of Injury from Foods in Children," *J. Pediatrics*, 2001.
- 27.) G. Rider, S. Milkovich PhD, D. Stool, T. Wiseman, C. Doran, X. Chen, MSc., "Quantitative Risk Analysis," *International Journal for Injury Control and Safety Promotion*, Vol. 7, No. 2, pp 115-133, July 2000.
- 28.) R. Stevens MD, J. Lane MD, S. Milkovich PhD, D. Stool, G. Rider, S. Stool MD, "Prevention of Accidental Childhood Strangulation. A Clinical Study," *Annals of Otology, Rhinology & Laryngology*, Vol. 109, No. 9, September 2000.
- 29.) G. Rider, D. Stool, S. Milkovich PhD, "ITS RAM Suffocation Model," *ICPHSO Update*, Spring 2000.
- 30.) G. Rider, S. Milkovich PhD, D. Stool, T. Wiseman, C. Doran, X. Chen, MSc., "New Tool for Risk Analysis," *ICPHSO Update*, Winter 2000.
- 31.) R. Stevens MD, J. Lane MD, S. Milkovich PhD, D. Stool, G. Rider, S. Stool MD, "Prevention of Accidental Childhood Strangulation: Where is the Site of the Obstruction?" *International Journal of Pediatric Otolaryngology*, Vol. 49, Supplement 1, October 1999.
- 32.) G. Rider, S. Milkovich PhD, T. Xu PhD, J. Scandridge, D. Stool, A. Marrinan, "Strangulation Hazards Examined with Research and FEA Studies to Aid in the Design of Safety Children's Products," *Algor Design World*, Third Quarter, p. 6, 11,13, 1999.
- 33.) D. Stool, M. Brickley, MEd., S. Milkovich PhD, S. Stool MD, "Safety Research into the Size and Shape of Soothers," Research Commissioned by Consumer Affairs Directorate, Department of Trade and Industry (DTI), United Kingdom, December 1998.
- 34.) T.J. Barlo PhD, S.M. Milkovich PhD, and A.D. Zdunek PhD, "Engineering Properties of Clock Spring for Repair of Defects in Transmission Pipelines," Gas Research Institute (GRI), Chicago, IL, GRI-95/0072, December 1997.
- 35.) K. Liao, R.I. Altkorn PhD, S.M. Milkovich PhD, J.M. Fildes PhD, J. Gomez PhD, C.R. Schultheisz, D.L. Hunston and L.C. Brinson PhD, "Long-Term Durability of Glass-Fiber Reinforced Composites in Infrastructure Applications," *Journal of Advanced Materials* 28, 54-63,1997.

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- 37.) J.M. Fildes PhD and S.M. Milkovich PhD, "Definition of Infrastructure Markets for Composite Materials," Report to the Great Lakes Composites Consortium, Columbia, SC, Contract 93-121, 87 pages, 1995.
- 38.) S.M. Milkovich PhD, R.I. Altkorn PhD, R.H. Haidle, M.J. Neatrou and J.M. Fildes PhD, "*In Situ* Sensors for Intelligent Process Control for Fabrication of Polymer-Matrix Composite Materials," Smart Structures and Materials, SPIE, Orlando, FL, February 1994.
- 39.) J.M. Fildes PhD, S.M. Milkovich PhD, R. Altkorn PhD, R. Haidle, and J. Neatrou, "*In Situ* Infrared Spectroscopy and Neural Network Analysis for Composite Cure Monitoring," 25th International SAMPE Technical Conference, Philadelphia, PA, October 1993.
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- 42.) S.M. Milkovich PhD and T.J. Barlo PhD, "Literature Review on the Electrical and Mechanical Properties of Glass-Fiber Composite Materials When Exposed to Gas-Transmission-Pipeline Environments," Gas Research Institute (GRI), Chicago, IL, GRI-92/0253, August 1992.
- 43.) J.M. Fildes PhD and S.M. Milkovich PhD, "Resin Transfer Molding Sensors and Controls Technology," Report to the Great Lakes Composites Consortium, Columbia, SC, Contract 91-07, 50 pages, 1992.
- 44.) S.M. Milkovich PhD, C.T. Herakovich PhD, and G.F. Sykes PhD, "Space Radiation Effects on the Thermo-Mechanical Behavior of Graphite/Epoxy Composite Materials," *J. Composite Materials*, Vol. 20, November/December 1986, p. 579-593; reprinted in Environmental Effects on Composite Materials, Volume 3, edited by G.S. Springer, Technomic Publishing Company, Inc., Lancaster, PA, 1988.
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- 48.) M.W. Hyer PhD, C.T. Herakovich PhD, S.M. Milkovich, and J.S. Short, Jr., "Temperature Dependence of Mechanical and Thermal Expansion Properties of T300/5208 Graphite/Epoxy," Composites, Vol. 14, p.276-280, July 1983.

Oral Presentations

- 1.) S.M. Milkovich, PhD, Key Note Speaker, "Foreign Body Injury Prevention through Safer Design of Products," 9th Annual Foreign Body Pediatric Airway Endoscopy Course for Otolaryngology Residents in the Northeast, Children's Hospital of Philadelphia, March 2015.
- 2.) S.M. Milkovich, PhD, Speaker, Grand Rounds, "The Science of Injury Prevention," Pediatric ENT Dept., Nemours / Alfred I. DuPont Hospital for Children, Wilmington, DE, November 2010.
- 3.) G. Rider, L. Tao, X. Chen, S. Milkovich PhD, "Sport Injuries among Children in the United States-1999-2003," 8th World Conference on Injury Prevention and Safety Promotion 2006 in Durban, South Africa April 2-5, 2006.
- 4.) G. Rider, S. Milkovich PhD, J. Mason, X. Chen, B. Altkorn PhD, N. Chan PhD, J. Bolders-Frazier MD, E. Ramos, J. Owens, D. Stool, "Rheological and Organoleptic Assessment of Choking Hazards of Foods," 8th World Conference on Injury Prevention and Safety Promotion 2006 in Durban, South Africa April 2-5, 2006.
- 5.) J. Owens, D. Stool, X. Chen, M. Beran, J. Mason, G. Rider – presented by S. Milkovich PhD, "Accidental Strangulation by Human Hair during Co-Sleeping," 8th World Conference on Injury Prevention and Safety Promotion 2006 in Durban, South Africa, April 2-5, 2006.
- 6.) A. Kanti, PhD, S. Milkovich PhD, X. Chen, B. Altkorn PhD, M. Beran, J. Ochsenhirt, "Caregiver Supervision of Young Children," 8th World Conference on Injury Prevention and Safety Promotion 2006 in Durban, South Africa, April 2-5, 2006.
- 7.) J. Mason, S. Milkovich PhD, J. Owens, P. Doherty, E. Huang, G. Rider, M. Beran, D. Stool, "Development of Pediatric Biomechanics Test Fixtures," ECOSA 2nd International Seminar on Injury Research Methods in Cape Town, South Africa, April 6-7, 2006.
- 8.) X. Chen, S. Milkovich PhD, D. Stool, G. Rider, J. Triglia, N. Garabedian, C.M. Bailey MD, H. Coates, J. Reilly MD., "Food Related Fatal and Non-Fatal Foreign Body Injuries Among Children

- 0-14: A Multi-Institutional Study." Presented to: American Society of Pediatric Otolaryngology 2006 Annual Meeting in Chicago, IL, May 21-22, 2006.
- 9.) S. Milkovich PhD, B. Altkorn PhD, X. Chen, D. Stool, L. Tao, G. Rider, "Effectiveness of the SPTC for Injury Prevention," 2005 Society for Ear, Nose, and Throat Advances in Children (SENTAC) Annual Meeting in Baltimore, Maryland, December 1-4, 2005.
 - 10.) B. Altkorn PhD, S. Milkovich PhD, D. Stool, "Prevention of Noise Induced Hearing Loss in Children," 2005 Society for Ear, Nose, and Throat Advances in Children (SENTAC) Annual Meeting in Baltimore, Maryland, December 1-4, 2005.
 - 11.) B. Altkorn PhD, S. Milkovich PhD, and G. Rider, "Measurement of Noise from Toys," NoiseCon2005 in Minneapolis, MN, October 17-19, 2005.
 - 12.) B. Altkorn PhD, S. Milkovich PhD, and G. Rider, "Light Emitting Diode Safety and Safety Standards," 2005 IEEE Symposium on Product Safety Engineering in Schaumburg, Illinois, October 3, 2005.
 - 13.) S. Milkovich PhD, "The Benefits of Building Safety into Packaging," Packaging Design and Innovation USA in Boston, MA, September 13 – 15, 2005.
 - 14.) S. Milkovich PhD and G. Rider, "Injury Risk Analysis and Management: The Role of the Medical Community," Lunch Seminar, Society for Ear, Nose & Throat Advances in Children (SENTAC), Toronto, Canada, December 2004.
 - 15.) S. Milkovich PhD, "Childhood Strangulation by Hair: A Case Study and Simulation," Society for Ear, Nose & Throat Advances in Children (SENTAC), Toronto, Canada, December 2004.
 - 16.) S. Milkovich PhD and D. Stool, "Assessment of Conforming Materials for Aspiration Injury Prevention," ECOSA International Seminar Injury Research Methods, Vienna, Austria, June 2004.
 - 17.) S. Milkovich PhD and M. Lepsis, "Pre-school Children: The Forgotten at Risk Group," 7th World Conference on Injury Prevention and Safety Promotion, Vienna, Austria, June 2004.
 - 18.) S. Milkovich PhD and R. Altkorn PhD, "History and Performance of the Small Parts Test Cylinder," 7th World Conference on Injury Prevention and Safety Promotion, Vienna, Austria, June 2004.
 - 19.) G. Rider, S. Milkovich PhD, D. Stool, and X. Chen, "Prevention of Accidental Strangulation," 7th World Conference on Injury Prevention and Safety Promotion, June 6-9, 2004.
 - 20.) X. Chen MSc, J. Wei MD, D. Stool, S. Milkovich PhD, J. Owens, "Computer Models of the Airway as a Hazard Evaluation Tool: An Expanded Study," Society for Ear, Nose & Throat Advances in Children (SENTAC), October, 2003.
 - 21.) X. Chen MSc, D. Stool, S. Milkovich PhD, J. Frazier MD, "Rheological and Organoleptic Analysis of Choking Hazards of Foods," Society for Ear, Nose & Throat Advances in Children (SENTAC), October, 2003.

- 22.) W. Fox MD, T. Shaffer PhD, D. Stool, S. Milkovich PhD, G. Rider, X. Chen MSc, R. Ryan MD, S. Stool MD., "A Computerized, Robotic Model for Evaluation of Infant Strangulation," Mechanism and Outcome of Childhood Injuries Platform Session (Course #5153), May 5, 2003
- 23.) S. Milkovich PhD, D. Stool, B. Rider, G. Rider, H. Marcoux, M. Zavod, R. Altkorn PhD, "Development of a Model to Assess the Potential for Products to Cause Burn Injury," International Consumer Product Health and Safety Organization (ICPHSO) February 2003.
- 24.) D. Stool, S. Milkovich PhD, G. Rider, J.S. Reilly MD, "European Public Health Policy Related to Injuries Caused by Inedible Objects in Foods," Society for Ear, Nose & Throat Advances in Children (SENTAC), December 2002.
- 25.) T. Brown, D. Stool, X. Chen, S. Milkovich PhD, "The Effectiveness of Warning Labels in the Prevention of Airway Injuries Caused by Consumer Products," Society for Ear, Nose & Throat Advances in Children (SENTAC), Atlanta, GA, December 2002.
- 26.) X. Chen, S. Milkovich PhD, D. Stool, "A Multinational Analysis of Foreign Object Injuries Caused by Coins," Society for Ear, Nose & Throat Advances in Children (SENTAC), Atlanta, GA, December 2002.
- 27.) D. Stool, S. Milkovich PhD, G. Rider, J.S. Reilly MD, "European Public Health Policy Related to Injuries Caused by Inedible Objects in Foods," Society for Ear, Nose & Throat Advances in Children (SENTAC), Atlanta, GA, December 2002.
- 28.) G. Rider, S. Milkovich PhD, "What is the Safety Process for Risk Assessment in Children?" Dermal Clinical Evaluation Society (DCES), 2002 Annual Educational Seminar, Teaneck, New Jersey, November 15, 2002.
- 29.) G. Rider, D. Greaves, D. Stool, S. Milkovich PhD, "Injury Prevention Through Safe Product Design – Design Hazard Analysis Process," European Child Safety Alliance Workshop, ECOSA, Sintra, Portugal, October 2002.
- 30.) G. Rider, D. Greaves, S. Milkovich PhD, X. Chen, D. Stool, "Quantitative Risk Analysis – Risk Analysis as a Regulatory Tool," European Child Safety Alliance Workshop, ECOSA, Sintra, Portugal, October 2002.
- 31.) S.M. Milkovich PhD, G. Rider, D. Greaves, D. Stool, X. Chen, "Application of Data for Prevention of Foreign Body Injury in Children," 8th International Congress of Pediatric Otorhinolaryngology, ESPO 2002, Oxford, England, September 2002.
- 32.) D. Stool, G. Rider, S. Milkovich PhD, X. Chen, "Injury Prevention Through Safe Product Design: Prevention of Childhood Asphyxiation," 6th World Conference on Injury Prevention and Control, Montreal, Canada, May 2002.

- 33.) S. Milkovich PhD, G. Rider, "Development of a Criteria to Prevent Tympanic Membrane Perforation," 8th International Conference on Product Safety Research, European Consumer Safety Association (ECOSA), Orlando, Florida, February 2002.
- 34.) S. Milkovich PhD, G. Rider, D. Stool, "Development of a Criteria to Prevent Noise Induced Hearing Loss Caused by Children's Products," Society for Ear, Nose & Throat Advances in Children (SENTAC), San Diego, CA, December 2001.
- 35.) S. Milkovich PhD, G. Rider, D. Stool, "Development of a Criteria to Prevent Tympanic Membrane Perforation Caused by Children's Products," Society for Ear, Nose & Throat Advances in Children (SENTAC), San Diego, CA, December 2001.
- 36.) S. Milkovich PhD, G. Rider, D. Stool, "Development of a Model of the Respiratory System as an Aid to Suffocation, Aspiration and Conforming Foreign Object Injury Preventions," Society for Ear, Nose & Throat Advances in Children (SENTAC), San Diego, CA, December 2001.
- 37.) G. Rider, S. Milkovich PhD, D. Stool, X. Chen, T. Brown, "A Quantitative Risk Analysis of the Effectiveness of the Burger King Pokeball Recall," ECOSA, 3rd European Convention on Consumer Safety, Vienna, Austria, 2001.
- 38.) S. Milkovich Ph.D., G. Rider, D. Stool, "Development of A Model to Assess the Suffocation Potential of Rigid Three-Dimensional Objects," Society for Ear, Nose & Throat Advances in Children (SENTAC), Chicago, IL, December 2000.
- 39.) G. Rider, D. Stool, S. Milkovich PhD, X. Chen MSc., J. Reilly M.D., "Aspiration and Ingestion Incidents in Children: A Comparison of North American, European and Asian Data," Society for Ear, Nose & Throat Advances in Children (SENTAC), Chicago, IL, December 2000.
- 40.) G. Rider, D. Stool, S. Milkovich PhD, X. Chen MSc, T. Wiseman, "A Quantitative Risk Analysis to Assess the Effectiveness of a Recall of Pokemon Containers," Society for Ear, Nose & Throat Advances in Children (SENTAC), Chicago, IL, December 2000.
- 41.) S. Milkovich PhD, D. Stool, B. Rider, M. Zavod, G. Rider, "Preventing Burn Injuries: Development of A Model to Assess the Potential of Fabrics to Contribute to Burn Injuries," American Academy of Pediatrics, 2000.
- 42.) D. Stool, S. Milkovich PhD, M. Zavod, B. Rider, "Physical Modeling of the Human Factors of Thermal Injuries as a Tool for Assessing Hazard," Human Factors and Ergonomics Society (HFES), 2000.
- 43.) D. Stool, S. Milkovich PhD, B. A. Torres MS, CPE, "Pediatric Biomechanics as an Aid to Risk Analysis," Human Factors and Ergonomics Society (HFES), 2000.
- 44.) D. Stool, S. Milkovich PhD, R. Stevens MD, "Physical Modeling of Ligature Strangulation," Society for Ear, Nose & Throat Advances in Children (SENTAC), Williamsburg, VA, December 1999.

- 45.) S. Milkovich PhD, G. Rider, J. Reilly MD, "Small Parts Injury Data Analysis. (N. America - 1988-1996): Findings of an Expanded Study," Society for Ear, Nose & Throat Advances in Children (SENTAC), Williamsburg, VA, December 1999.
- 46.) G. Rider, S. Milkovich PhD, D. Stool, T. Wiseman, C. Doran, X. Chen MSc, "Quantitative Risk Analysis," European Consumer Safety Association (ECOSA), Washington, DC, September 1999.
- 47.) D. Stool, S. Milkovich PhD, R. Stevens MD, "Physical Modeling of Suspension Strangulation," Human Factors and Ergonomics Society (HFES), September 1999.
- 48.) G. Rider, S. Milkovich, PhD, D. Stool, M. Zavod, "Assessing Flammability Hazard and Preventing Burn Injuries," European Consumer Safety Association (ECOSA), March 1999.
- 49.) G. Rider, S. Milkovich PhD, D. Stool, M. Zavod, "Assessing Flammability Hazards and Preventing Burn Injuries," 27th International Conference on Fire Safety, January 1999.
- 50.) G. Rider, S. Milkovich PhD, D. Stool, M. Zavod, "Fabric Flammability Research," Society for Ear, Nose & Throat Advances in Children (SENTAC), Portland, OR, December 1998.
- 51.) C. Doran, T. Xu, G. Rider, E. Ramos, S. Milkovich PhD, "An Approach to the Quantification of the Risk of Injury from Consumer Products," Society of Risk Analysis, December 1998.
- 52.) G. Rider, R. Stevens MD, M. Brickley MEd, D. Stool, S. Milkovich PhD, S. Stool MD, "Study of External Pressure Required for Airway Occlusion," 7th International Congress of Pediatric Otorhinolaryngology, June 1998.
- 53.) G. Rider, R. Stevens MD, M. Brickley MEd, D. Stool, S. Milkovich PhD, S. Stool MD, "Study of External Pressure Required for Airway Occlusion," European Consumer Safety Association (ECOSA), May 1998.
- 54.) S. Milkovich PhD, D. Stool, M. Brickley MEd, T. Wiseman, "Pediatric Biomechanics: How Children make Small Parts," Society for Ear, Nose & Throat Advances in Children (SENTAC), Tampa, FL, December 1997.

Poster Presentations

- 1.) Nicholas M. Milkovich, Scott M. Milkovich, Mary P. Harty, Heidi H. Kecskemethy, Jenna W. Briddell, Jessica R. Levi, James S. Reilly "Analysis of Computerized Tomography (CT) Head & Neck images in Young Children: Prevention of Aspiration and Choking Injuries", 2017 Combined Otolaryngology Spring Meetings, April 26th - 30th, 2017, Manchester Grand Hyatt Hotel, San Diego, CA

- 2.) S. Milkovich PhD, G. Rider, "The Role of Pediatricians, Industry and Regulators in Injury Prevention," 8th World Conference on Injury Prevention and Safety Promotion 2006 in Durban, South Africa, April 2-5, 2006.
- 3.) S. Milkovich PhD, B. Altkorn PhD, N. Chan PhD, J. Mason, G. Rider, "Safety of Light Sources in Children's Products," 8th World Conference on Injury Prevention and Safety Promotion 2006 in Durban, South Africa, April 2-5, 2006.
- 4.) S. Milkovich PhD, M. Beran, M. Brink, J. Mason, "Supervision of Children: A Comparative Analysis," 8th World Conference on Injury Prevention and Safety Promotion 2006 in Durban, South Africa, April 2-5, 2006.
- 5.) D. Stool, G. Rider, X. Chen, J. Reilly MD, S. Milkovich PhD, "Pediatric Coin Ingestion Injuries: Recommendations for Prevention," Triological Society Middle Section 2006 Annual Meeting in San Diego, CA, February 2-5, 2006.
- 6.) X. Chen, M. Beran, T. Brown, L. Tao, D. Harris, D. Stool, G. Rider, and S. Milkovich PhD, "The Effectiveness of Warning Labels in the Prevention of Airway Injuries Caused by Consumer Products," Zero to Three 20th National Training Institute (NTI) in Washington, DC, November 4 - 6, 2005.
- 7.) G. Healy, J. Owen, M. Beran, S. Milkovich PhD, "Implementation of Pediatric Biomechanic Technology for Safe Product Design," EuroSafe 1st European Conference on Injury Prevention & Safety Promotion in Vienna, Austria, June 25-27, 2005.
- 8.) L. Franks, S. Milkovich PhD, X. Chen, G. Emerson "Mouthing Behavior of Children 3 to 5," EuroSafe 1st European Conference on Injury Prevention & Safety Promotion in Vienna, Austria, June 25-27, 2005.
- 9.) D. Stool, S. Milkovich PhD, J. Opperer PhD, "Prevention of Eye Impact Injuries to Children," EuroSafe 1st European Conference on Injury Prevention & Safety Promotion in Vienna, Austria, June 25-27, 2005.
- 10.) G. Rider, D. Greaves, S. Milkovich PhD, R. Altkorn PhD, X. Chen, B. Rider, "Prevention of Accidental Childhood Scalding by Hot Water," 7th World Conference on Injury Prevention June 6-9, 2004.
- 11.) S. Milkovich PhD, R. Altkorn PhD, X. Chen, J. Reilly MD, D. Stool, L. Tao, G. Rider, "History and Performance of the Small Parts Test Cylinder," 7th World Conference on Injury Prevention June 6-9, 2004.
- 12.) T. Farmakakis, X. Chen, S. Milkovich PhD, G. Rider, E. Petridou MD, "Assessing Airway Obstruction Morbidity with the Implementation of ICD-10," 4th European Convention in Safety Promotion and Injury Control, Paris, 10-11 April 2003.
- 13.) S. Milkovich PhD, D. Stool, G. Rider, "Prevention of Accidental Childhood Strangulation," 4th European Convention in Safety Promotion and Injury Control, Paris, 10-11 April 2003.

- 14.) T. Brown, X. Chen, S. Milkovich PhD, G. Rider, "Effectiveness of Warning Labels – Findings from A Caregivers Survey," ICPHSC 2003, Annual Meeting and Training Symposium, Orlando, FL, February 25-28, 2003.
- 15.) X. Chen, G. Rider, S. Milkovich PhD, D. Stool, D. Harris, "Aspiration, Choking and Ingestion in Children," Society for Risk Analysis (SRA), 2002 Annual Meeting, New Orleans, LA, December 8-11, 2002.
- 16.) G. Rider, D. Stool, S. Milkovich PhD, X. Chen, T. Brown, "Injury Prevention Through Safe Product Design: Prevention of Childhood Asphyxiation by Processed Food," International Consumer Product Health and Safety Organization (ICPHSO), Orlando, FL, February 2002.
- 17.) W. W. Fox MD, T. H. Shaffer PhD, G. Rider, D. Stool, S. Milkovich PhD, X. Chen MSc, "A Dynamic Model for Evaluation of Infant Suffocation: Product Safety Results," Shock, Vol. (15):83, 2001.
- 18.) S. Milkovich PhD, G. Rider, D. Stool, "Suffocation Hazard Assessment Model," International Consumer Product Health and Safety Organization (ICPHSO), Orlando, FL, February 2001.
- 19.) D. Stool, S. Milkovich PhD, R. Stevens MD, G. Rider, "Physical Modeling of Suspension Strangulation," Society for Ear, Nose & Throat Advances in Children (SENTAC), Portland, OR, December 1998.
- 20.) D. Stool, T. Xu PhD, S. Milkovich PhD, M. Brickley, MEd, C.L. Wilson, G. Rider, "Human Factors Project: Computer and Physical Models as an Aid to Risk Assessment of Strangulation Hazards to Children," Society for Ear, Nose & Throat Advances in Children (SENTAC), November 1996.