

2019

- 2019, Shewchenko, N., Bayne, T., Fournier, E., Magnan, S., ["A Practical Ballistic Yaw Sensor"](#), 31st International Symposium on Ballistics, Hyderabad, India, Nov. 4-8, 2019.
- 2019, Gabriel, U., Pageau, G., Des Roches, M., Ouellet, S., Baillargeon, Y., Francus, P., Shewchenko, N., ["Terminal Ballistics Application of X-Ray Computed Tomography \(XCT\) for the Quantitative In-Situ Analysis of Fragments Embedded in Collection Media"](#), 31st International Symposium on Ballistics, Hyderabad, India, Nov. 4-8, 2019.

2017

- 2017, Quenneville, C., Shewchenko, N., Fournier, E., "The Effect of ATD Lower Leg Surrogate Selection on Impact Mitigating System Evaluation in Low and High-Rate Loading", International Journal of AMSUS - Military Medicine, Vol. 182, Sep-Oct 2017.
- 2017, Gibson, T., Shewchenko, N., Whyte, T., "Chapter 8: The Skull and Brain: Test methods, BAPT and helmet design" in "Military Injury Biomechanics: The cause and prevention of impact injuries", CRC Press, Taylor & Francis Group, 2017. **2016**

- 2016, Anctil, B., Philippens, M.M.G.M. and Shewchenko, N, ["Are the sensor based BAPT test methods suitable for helmet and body armour certification?"](#) Personal Armour Safety Symposium, Amsterdam, The Netherlands, 19-23 September, 2016.

2014

- 2014, Shewchenko, N., Rowley, N., Baines, D., Bir, C., ["Development of Stab Weapon Exemplars from a Survey of Threats in a Corrections Environment"](#), Personal Armour Safety Symposium 2014, Cambridge, UK, September 2014.
- 2014, Anctil, B., Bayne, T., Williams, K., Fournier, P., Craigie, I., Savard, A., ["Compression Resistance Testing of Combat Helmets and the Effects on Ballistic Performance"](#), Personal Armour Safety Symposium 2014, Cambridge, UK, September 2014.
- 2014, Fournier, E., Williams, K., Wonnacott, M., ["Injury Assessment of Focal Loading Using the Mandible Load Sensing Headform & with a Multi-point Thin Film Force Sensor"](#), Personal Armour Safety Symposium 2014, Cambridge, UK, September 2014.
- 2014, Shewchenko, N., Fournier, E., Quenneville, C., ["ATD Lower Leg Surrogate Selection and the Effects on the Evaluation of Blast Energy Attenuating Floor Mats"](#), Personal Armour Safety Symposium 2014, Cambridge, UK, September 2014.
- 2014, Philippens, M.M.G.M., Anctil, B., Markwardt, K.C., ["Results of a Round Robin"](#)

[Ballistic Load Sensing Headform Test Series"](#)

, Personal Armour Safety Symposium 2014, Cambridge, UK, September 2014.

- 2014, Larouche, O.J., Pageau, G., Anctil, B., Wonnacott, M., "Heavy Load Carriage Effects on Soldier Metabolism and Physiology", poster at the 5th annual Military and Veteran Health Research Forum, Toronto, Ontario, November.

2012

- 2012, Newman, J., Withnall, C., Wonnacott, M., [An Integrated Helmet and Neck Support \(iHANS\) for Racing Car Drivers](#) - A Biomechanical Feasibility Study, proceedings of the Stapp Car Crash Conference, Savannah, Ga, 2012

- 2012, Bourget D., Withnall C. et al., ["Aged Body Armour Testing; Futher Results"](#) , proceeding of the Personal Armour Systems Symposium, Nuremburg Sep. 17-21, 2012

- 2012, Williams W., Fournier E. et al., ["Application of a Test Methodology for Assessing Mandibular Protection System Performance in Mitigating BABT and Blunt Impact: Initial Results and Way Forward"](#) , proceedings of the Personal Armour Systems Symposium, Nuremburg Sep. 17-21, 2012.

- 2012, Hewins K., Anctil B. et al., ["Ballistic Blunt Trauma Assessment Methodology Validation"](#) , proceeding of the Personal Armour Systems Symposium (PASS), Nuremburg Sep 17-21, 2012.

- 2012, Shewchenko, N., Fournier, E., Wonnacott, M., Williams, K., Filips, D., Martineau, L., ["A Vulnerability/Lethality model for the Combat Soldier, A New Paradigm - Basis and Initial Development"](#) , proceeding of the Personal Armour Systems Symposium (PASS), Nuremburg Sep 17-21, 2012.

2011

- 2011, Viano, D., Withnall, C., Wonnacott, M., "Football Helmet Drop Tests on Different Fields Using an Instrumented Hybrid III Head", Annals of Biomedical Engineering, Jan 2012 Volume 40 page 97-105.

- 2010, Fournier, E., Williams, K., Shewchenko, N., Wonnacott, M., Bayne, T., "Mandible Guard Test Methodology and Injury Criteria Development", proceedings of the Personal Armour Systems Symposium (PASS), Quebec City, QC, 13-17 September.

- 2010, Crossman, D., Shewchenko, N., "Enhanced Blunt Impact Protection, Comfort, Stability on Combat Helmets for mild Traumatic Brain Injury Casualty Reduction", proceedings of the Personal Armour Systems Symposium (PASS), Quebec City, QC, 13-17 September.

- 2010, Withnall C, Garland L and Bourget D, "Aged Body Armour Testing in Development of a Replacement Protocol" proceedings of the Personal Armour Systems Symposium (PASS), Quebec City, QC, 13-17 September.
- 2010, Wonnacott, M and Withnall C, "Development of an Articulating Mandible Headform Having Force Sensing Temporomandibular Joints," SAE paper 10B-0185.
- 2010, Bolduc, M., Anctil, B., ["Improved Test Methods for Better Protection, a BABT Protocol Proposal for STANAG 2920"](#), proceedings of the Personal Armour Systems Symposium (PASS), Quebec City, QC, 13-17 September.

2009

- 2009. Anctil, B., "Weapons Effects Characterization", Soldier Systems technology Roadmap – Weapons: Lethal and Non-lethal Workshop, PowerPoint® presentation, Toronto, ON, Nov. 24-26.

2008

- 2008, Anctil, B., Wonnacott, M., Carboni, M. and Colanto, D., "Bomb Suit Standard for Law Enforcement", Working Draft, NIJ Standard 0117.00, U.S. Department of Justice, National Institute of Justice, Washington DC.
- 2008, Anctil, B., Bourget, D., Pageau, G., Dionne, J.-P., Wonnacott, M., Rice, K. and Toman, A., "The Development of a Ballistic Helmet Test Standard", Personal Armour Systems Symposium (PASS), Brussels, Belgium.
- 2008, Anctil, B., Bayne, T., Bourget, D., Pageau, G., Binette, J-S., Rice, K. and Toman, A., "An Alternative to Plastilina for Evaluating the Performance of Body Armours", Personal Armour Systems Symposium, Brussels, Belgium.
- 2008, Bourget, D., Anctil, B., Pageau, G., Rice, K. and Toman, A., "Overview of Thoracic and Abdominal Blunt Impact Injury Models", Personal Armour Systems Symposium (PASS), Brussels, Belgium.
- 2008, Pageau, G., Williams, K., Bourget, D., Cheng, M., Hedge, C., and Anctil, B., "Ballistic Performance Assessment of Lightweight Body Armour Material Systems against IED Threat Surrogates", 24th International Symposium on Ballistics (ISB), New Orleans, LA, USA.
- 2008, Withnall, "New Advances in Biomechanical Research: Headform with Articulating Mandible", UPMC New Developments in Sports-Related Concussion Symposium, PowerPoint® presentation, Pittsburg, PA, July 24-25.

2007

- 2007, Fournier, E., Bayne, T., Shewchenko, N., "Ejection Safety for Advanced Helmet Mounted Displays", Survival and Flight Equipment Association (SAFE) Symposium, PowerPoint® presentation, Reno, Nevada.
- 2007, Shewchenko, N., Withnall, C., "A New Headform for Evaluating the Impact Performance of Mouth Guards", 3rd International Meeting on MTBI in Sports, St. Moritz,

Switzerland.

- 2007, Fournier, E., Bayne T., "Under Hood Temperature Measurements", Society of Automotive Engineers, Paper # 2007-01-1393.

2006

- 2006, Crocker, J., MacKay, K., Yang, S., Rushton, P., Fournier, E., Keown, M., Wonnacott, M., Gardner, W., "Motor Coach Glazing Retention Test Development for Occupant Impact During a Rollover", Canadian Association of Road Safety Professionals (CARSP) Conference.

- 2006, Fournier, E., Bayne, T., "Flammability of Under Hood Insulation Materials", SAE, Paper No. 2006-01-1011.

- 2006, Bayne, T., Fournier, E., "Automotive Anti-Siphoning and Leak Prevention Technology Review", SAE, Paper No. 07B-95.

- 2006, Viano, D.C.; Pellman, E.J.; Withnall, C.; Shewchenko, N., "Concussion in Professional Football: Performance of Newer Helmets in Reconstructed Game Impacts--Part 13", Journal of Neurosurgery, 59:3.

- 2006, Shewchenko, N., "Performance Evaluation of Personal Protection Systems", National Security Equipment Committee Meeting, PowerPoint® presentation Saskatoon, Saskatchewan.

- 2006, Shewchenko, N., "Personal Protection Systems", PowerPoint® presentation, National Security Equipment Committee Meeting, Saskatoon, Saskatchewan.

- 2006, Mah, J., Anctil, B., and Keown, M., "Damage Caused by Soil Debris from Buried Anti-Personnel Mines", Personal Armour Systems Symposium (PASS), Leeds, United Kingdom.

- 2006, S. Waclawik, Zielinski, M., Hennessy, E., Colanto, D., Anctil, B., Keown, M., Bass, C., Salzar, R., Planchak, C. et al., "The Development of an Explosive Ordnance Disposal Personal Protective Equipment Performance Standard", Personal Armour Systems Symposium (PASS), Leeds, United Kingdom.

- 2006, Keown, M., Fournier, E., Williams, K., Tack, D. and Anctil, B., "Characterisation of Helmet Energy Absorbing Liner Materials", Personal Armour Systems Symposium (PASS), Leeds, United Kingdom.

- 2006, Anctil, B., Keown, M., Bourget, D., Pageau, G., Rice, K. and Davis, G., "Performance Evaluation of Ballistic Helmet Technologies", Personal Armour Systems Symposium (PASS), Leeds, United Kingdom.

- 2006, Anctil, B. and Shewchenko, N., "Performance Evaluation of Soldier's Protection Systems", International Soldier Systems Conference (ISSC), Brighton, United Kingdom.

- 2006, Shewchenko, N., "Biomechanics in Football", PowerPoint® presentation for 2nd International Football and Sports Medicine Conference, Dusseldorf, Germany.

- 2006, Withnall, C., "Development of a Headform with Articulating Mandible", ASTM Shirtsleeves meeting presentation, Toronto, Ontario.

2005

- 2005, Shewchenko, N., Withnall, C., Keown, M., Gittens, R., and Dvorak, J., "Heading in

Football. Part 1: Development of Biomechanical Methods to Investigate Head Response", British Journal of Sports Medicine, 2005;39;10-25.

- 2005, Shewchenko, N., Withnall, C., Keown, M., Gittens, R., and Dvorak, J., "Heading in Football. Part 2: Biomechanics of Ball Heading and Head Response", British Journal of Sports Medicine, 2005;39;26-32.

- 2005, Shewchenko, N., Withnall, C., Keown, M., Gittens, R., and Dvorak, J., "Heading in Football. Part 3: Effects of Ball Properties on Head Response", British Journal of Sports Medicine, 2005;39;33-39.

- 2005, Withnall, C., Shewchenko, N., Wonnacott, M., Dvorak, J., and Delaney, S., "Effectiveness of Headgear in Football", British Journal of Sports Medicine, 2005;39;40-48.

- 2005, Withnall, C., Shewchenko, N., Gittens, R., and Dvorak, J., "Biomechanical Investigation of Head Impacts in Football", British Journal of Sports Medicine, 2005;39;49-57.

- 2005, Newman, J., Shewchenko, N., Beusenbergh, M., Fournier, E., Withnall, C. and Barr, C., "Verification of Biomechanical Methods employed in a Comprehensive Study of Mild Traumatic Brain Injury and the Effectiveness of American Football Helmets", Journal of Biomechanics., No. 38

- 2005, Shewchenko, N., "Injury Assessment with Physical Surrogates", PowerPoint® presentation, Blast Injury Testing Conference (BITC) IV, Arlington, VA.

- 2005, Shewchenko, N., "Performance Evaluation of Personal Protection Systems", Defence Security Innovation (DSI) Conference, Quebec, Canada.

- 2005, Anctil, B., Keown, M., Pageau, G., Bolduc, M., and Bourget, D., "Performance of Multi-Threat Body Armour Systems", International Symposium on Ballistics (ISB) 2005.

- 2005, Anctil, B., Keown, M., Bourget, D., and Pageau, G., "A Novel Test Methodology to Assess the Performance Ballistic Helmets", 22nd International Symposium on Ballistics, Vancouver, British Columbia.

- 2005, Keown, M. and Manseau, J., "A Novel Approach to the Evaluation of Lower Leg Injuries Caused by Axial Impact: The Complex Lower Leg", International Research Council on the Biomechanics of Injury (IRCOBI), 2005.

- 2005, Fournier, E., Kot, J. and Sullivan, D., "Assessment of Fuel System Technology Use in 2003 Model Year Vehicle", SAE 2005 World Congress, 2005-01-1423.

- 2005, Digges, K., Fournier, E., Keown, N., Shewchenko, N. and Kot, J., "Alternative Fuel Tanks for Pickups with Sidesaddle Tanks", SAE 2005 World Congress, 2005-01-1427.

2004

- 2004, Anctil, B., Keown, M., Williams, K., Manseau, J., Dionne, J.P., Jetté, F., and Makris, A., "Development of a Mannequin for Assessment of Blast Incapacitation and Lethality", Personal Armour Systems Symposium (PASS), The Hague, Netherlands.

- 2004, Anctil, B., Bourget, D., Pageau, G., Rice, K., and Lesko, J., " Evaluation of Impact Force Measurement Systems for Assessing Behind Armour Blunt Trauma for Undeveloped Ballistic Helmets", Personal Armour Systems Symposium (PASS), The Hague, Netherlands.

- 2004, Shewchenko, N., "Biomechanics of Head Impact and Responses in Football", The Second International Symposium on Concussion in Sports, Prague, Czech Republic.

- 2004, Withnall, C., "Soccer Headgear", PowerPoint® presentation for ASTM Soccer Headgear Task Group.
- 2004, Balzulat, J., Wirsching, H., Hassan, J., Noy, I., Gardner, W., and Shewchenko, N., "The Electronic Belt Fit Test Device – Methodology, Results and Prospects", PowerPoint presentation for Digital Human Modeling, SAE.

2003 and Earlier

- 2003, Anctil, B., Keown, M., Shewchenko, N., Bourget, D., Pageau, G., and Bolduc, M., "Threat Assessment and Performance Evaluation of Multi Threat Body Armour Systems", NATO Personal Protection: Joint AVT-HFM Meeting, Koblenz, Germany.
- 2003, Keown, M., Shewchenko, N., and Dvorak, J., "A Numerical Investigation of Impact Severity Reduction in Football Heading", MADYMO Users Group i-Head Paper.
- 2003, Withnall, C., Shewchenko, N., Wiley, K. and Rogers, N., "An Improved Dummy Neck for the ISO 13232 Motorcycle Anthropometric Test Dummy", International Technical Conference on the Enhanced Safety of Vehicles (ESV), Nagoya, Japan.
- 2002, Fournier, E., Beusenberg, M. and Shewchenko, N., "Analyzing Broadcast Video Footage to Determine Football Athlete Kinematics", 7th World Conference on Biomechanics, Calgary, Alberta.
- 2002, Reed, M., Lehto, M., Anctil, B., Brown, C. and Noy, I., "Development of the Seatbelt Fit Assessment Components for the ASPECT Manikin", SAE 2002 World Congress, Detroit, Michigan. Advances in Safety Test Methodology, SP-1664.
- 2001, Beusenberg, M., Shewchenko, N., Newman, J., deLange, R. and Capon, H., "Head, Neck and Body Coupling in Reconstructions of Helmeted Impacts", International Research Council on the Biomechanics of Injury (IRCOBI), The Isle of Man, United Kingdom.
- 2001, Baumgartner, D., Willinger, R., Shewchenko, N. and Beusenberg, M., "Tolerance Limits for Mild Traumatic Brain Injury Derived from Numerical Head Impact Replication", International Research Council on the Biomechanics of Injury (IRCOBI), The Isle of Man, United Kingdom.
- 2001, Beusenberg, M., Barr, C. and Shewchenko, N., "Applying the Concept of the Power Index to the Prevention of Concussion in Sports and the Improvement of Head Gear", 18th Congress of the International Society of Biomechanics, ETH Zurich, Switzerland.
- 2001, Anctil, B., Shewchenko, N., Noy, I., Brown, C. and Reed, M., "Implementation of the Belt Fit Assessment Capabilities with the New ASPECT Mannequin", Canadian Multidisciplinary Road Safety Conference XII, London, Ontario.
- 2001, Shewchenko, N., "Biomechanical Consideration of Head Injuries in Frontal Motor Vehicle Collisions", Continuing Legal Education Workshop: Tough Cases, Hard Questions, Motor Vehicle Litigation Today of the Canadian Bar Association, Toronto, Ontario.
- 2001, Shewchenko, N., Newman, J. and Barr, C., "Biomechanical Assessment of Concussion in Sports", International Symposium on Mechanics of Human Movement and Biomaterials, Ottawa, Ontario.
- 2000, Newman, J., Barr, C., Beusenberg, M., Fournier, E., Shewchenko, N., Welbourne, E. and Withnall, C., "A New Biomechanical Assessment of Mild Traumatic Brain Injury - Part 2 - Results and Conclusions", International Research Council on the Biomechanics of Injury (IRCOBI), Montpellier, France.
- 2000, Newman, J., Shewchenko, N. and Welbourne, E., "A Proposed New Biomechanical

Head Injury Assessment Function - The Maximum Power Index", 44th Stapp Car Crash Conference, Atlanta, Georgia.

- 1999, Newman, J., Beusenberg, M., Fournier, E., Shewchenko, N., Withnall, C., King, A., Yang, K., Zhang, L., McElhaney, J., Thibault, L. and McGinnis, G., "A New Biomechanical Assessment of Mild Traumatic Brain Injury - Part 1 - Methodology", International Research Council on the Biomechanics of Injury (IRCOBI), Barcelona, Spain.
- 1999, van Hoof, J., Worswick, M., Beusenberg, M. and Shewchenko, N., "Effects of Skull-Brain Interface Conditions in Finite Element Head Models Under Impact Loading", Ameri-Pam '99, ESI Corp., Detroit, Michigan.
- 1999, Noy, I., Shewchenko, N. and Thompson, J., "The Effects of Increased Head Restraint Height on Driver Visibility", Whiplash-Associated Disorders World Congress, Vancouver, British Columbia.
- 1998, German, A., Dalmotas, D., Monk, B., Contant, P., Gou, M., Carignan, S., Lussier, L., Newman, J. and Withnall, C., "In-Depth Investigation and Reconstruction of an Air Bag Induced Child Fatality", 16th International Technical Conference on the Enhanced Safety of Vehicles (ESV), Windsor, Ontario.
- 1998, Withnall, C. and Fournier, E., "A New Neck for Motorcycle Crash Testing", 16th International Technical Conference on the Enhanced Safety of Vehicles (ESV), Windsor, Ontario.
- 1998, Welbourne, E. and Shewchenko, N., "Improved Measures of Foot and Ankle Injury Risks from the Hybrid III Tibia", 16th International Technical Conference on the Enhanced Safety of Vehicles (ESV), Windsor, Ontario.
- 1998, Rangarajan, N., White, R., Shams, T., Beach, D., Haffner, M., Eppinger, R., Rhule, D., Pritz, H., Dalmotas, D. and Fournier, E., "Design and Performance of the Thor Advanced Frontal Crash Test Dummy Thorax and Abdomen Assemblies", 16th International Technical Conference on the Enhanced Safety of Vehicles (ESV), Windsor, Ontario.
- 1996, Newman, J., Gibson, T., Rogers, N. and Zellner, J., "Performance Specifications for the Neck of a Motorcyclist Anthropometric Test Dummy", 15th International Technical Conference on the Enhanced Safety of Vehicles (ESV), Melbourne, Australia.
- 1996, Zellner, J., Wiley, K., Broen, N. and Newman, J., "A Standardized Motorcyclist Impact Dummy for Protective Device Research", 15th International Technical Conference on the Enhanced Safety of Vehicles (ESV), Melbourne, Australia.
- 1994, Zellner, J., Newman, J. and Rogers, N., "Preliminary Research into the Feasibility of Motorcycle Airbag Systems", 14th International Technical Conference on the Enhanced Safety of Vehicles (ESV), Munich, Germany.
- 1994, Dalmotas, D., Newman, J. and Gibson, T., "Prospects for the Further Improvement of Side Impact Protection based on Crash Testing", 14th International Technical Conference on the Enhanced Safety of Vehicles (ESV), Munich, Germany.
- 1994, Gibson, T., Shewchenko, N. and Withnall, C., "Biofidelity Improvements to the Hybrid III Neck", 14th International Technical Conference on the Enhanced Safety of Vehicles (ESV), Munich, Germany.
- 1993, Newman, J. and Dalmotas, D., "Atlanto-Occipital Fracture Dislocation in Lap-Belt Restrained Children", Child Occupant Protection Symposium, San Antonio, Texas.
- 1993, Grant, B., Pedder, J. and Shewchenko, N., "Estimating the Extent of Improper Seat Belt Use", Canadian Multidisciplinary Road Safety Conference VII, Saskatoon, Saskatchewan.

- 1993, Gibson, T., Fournier, E., Garland, L. and McMannon, S., "The Development of a Surrogate MobilityAid (SMA)", SAE Conference, SAE Paper #930344.
- 1992, Newman, J., Tylko, S. and Miller, T., "Toward a Comprehensive Biomechanical Injury Cost Model", 36th American Association of Automotive Medicine (AAAM), Portland, Oregon.
- 1992, Shewchenko, N., "Development of an Infant Impact Headform", Crash Injury Biomechanics Conference, Adelaide, South Australia.
- 1991, Smith, T. and Newman, J., "CSA D113.2 - Not Just Another Bicycle Helmet Standard", Canadian Multidisciplinary Road Safety Conference VII, Vancouver, British Columbia.
- 1991, Newman, J., Zellner, J. and Wiley, K., "A Motorcyclist Anthropometric Test Device MATD", International Research Council on the Biomechanics of Injury (IRCOBI), Berlin, Germany.
- 1990, Smith, T., L'Abbe, R., Newman, J. and Crupi, V., "Measurement of Head and Chest Accelerations During Bomb Blast Testing", International Research Council on the Biomechanics of Injury (IRCOBI), Bron, France.
- 1990, Pedder, J., Newman, J. and Mackay, G., "The Role of In-Depth Motorcycle Accident Studies in the Reduction of Accident Trauma", International Research Council on the Biomechanics of Injury (IRCOBI), Bron, France.
- 1989, St-Laurent, A., Szabo, T., Shewchenko, N. and Newman, J., "Design of a Motorcyclist Anthropometric Test Device", 12th International Technical Conference on the Enhanced Safety of Vehicles (ESV), Gothenburg, Sweden.
- 1988, Gallup, B., Hallgrimsson, B., Cotton, C., Smith, T. and Newman, J., "The Development of an Improved ATD Headform with a Frangible Facial Insert", International Research Council on the Biomechanics of Injury (IRCOBI), Bergisch-Gladbach (FRG).
- 1988, Hidson, D., Shewchenko, N., Boulanger, P., Newman, J. and Gallup, B., "Experimentation in the Averaging and Manufacturing of Human Body Shape Data", International Symposium, Surface Topography and Body Deformity, Wien, Germany.
- 1988, Gallup, B., Cotton, C., Shewchenko, N., Filoso, S. and Hidson, D., "Evaluation of 3-D Human Shape Monitoring Techniques", 5th International Symposium, Surface Topography and Body Deformity, Wien, Germany.
- 1987, Gallup, B. M. and Newman, J., "The Assessment of Facial Injury to Fully Restrained Drivers Through Full-Scale Car Crash Testing", Journal of Trauma, 27(7).
- 1987, Pedder, J. and Newman, J., "After Helmets - Is There Anything Else?" International Research Council on the Biomechanics of Injury (IRCOBI), Birmingham, England.
- 1986, Newman, J., "A Generalized Model for Brain Injury Threshold (GAMBIT)", International Research Council on the Biomechanics of Injury (IRCOBI), Zurich, Switzerland.

- 1985, Pedder, J., Shewchenko, N., Newman, J. and Armstrong, J., "The Development of Two Prototype Facial Protection Systems for High Performance Aircrew Helmets", Survival and Flight Equipment (SAFE) Conference, Las Vegas, Nevada.
- 1984, Newman, J., Woods, D., Garland, L. and Van Humbeck, T., "Development of a Belt Configuration Test Device", SAE International Conference: Advances in Belt Restraint Systems: Design, Performance and Usage, Detroit, Michigan.
- 1984, Gallup, B., Newman, J., Wells, R., Van Humbeck, T., Woods, T. and Garland, L., "The Significance and Measurement of Lap Belt Fit in Automobiles", Canadian Multidisciplinary

Road Safety Conference III, London, Ontario.

- 1984, Pedder, J. and Newman, J., "The Implementation of Field Accident Data: Its Role in Protective System Development", Canadian Multidisciplinary Road Safety Conference III, London, Ontario.

- 1984, L'Abbe, R., Newman, J., St-Laurent, A., Dainty, D., Smyth, K. and Bosik, A., "Development of a New ATD Thorax", International Research Council on the Biomechanics of Injury (IRCOBI), Delft, The Netherlands.

- 1984, Gallup, B., Newman, J., Wells, R., Van Humbeck, T. and Woods, T., "The Development of Two Prototype Seat Belt Systems for Improved Lap Belt Fit", 28th American Association of Automotive Medicine (AAAM), Denver, Colorado.

- 1984, Newman, J. and Gallup, B., "Biofidelity Improvements to the Hybrid III Headform", 28th Stapp Car Crash Conference, Chicago, Illinois.

- 1983, Newman, J., "Tissue Stress Tolerances and Injury Indices", 9th International Congress of Biomechanics, Waterloo, Ontario.

- 1983, Schneider, D., Ward, C. and Newman, J., "ATD and Cadaver Head Response to Impact Loading", 11th Workshop on Human Subjects for Biomechanical Research, San Diego, California.

- 1982, Newman, J., "The Influence of Time Duration as a Failure Criterion in Helmet Evaluation", SAE International Off Highway Meeting and Exposition,

- 1982, Gallup, B. M., St-Laurent, A. M. and Newman, J., "Abdominal Injuries to Restrained Front Seat Occupants in Frontal Collisions", 26th American Association of Automotive Medicine (AAAM), Ottawa, Ontario.

- 1982, L'Abbe, R., Dainty, D. and Newman, J., "An Experimental Analysis of Thoracic Deflection Response to Belt Loading", International Research Council on the Biomechanics of Injury (IRCOBI), Cologne, Germany.

- 1980, Newman, J., "Motorcycle Helmets - Their Limits of Performance", International Motorcycle Safety Conference, Washington, D.C.

- 1980, Wagar, I., Fisher, D. and Newman, J., "Head Protection in Racing and Road Traffic", 24th American Association of Automotive Medicine (AAAM), Rochester, New York.

- 1980, Newman, J., "Head Injury Criteria in Automotive Crash Testing", 24th Stapp Car Crash Conference, Troy, Michigan.

- 1978, Newman, J., "Engineering Considerations in the Design of Protective Headgear", Joint Conference of the American Association of Automotive Medicine (AAAM) and the International Association for Accident and Traffic Medicine, Ann Arbor, Michigan.

- 1978, Cotton, C. and Newman, J., "Buoyancy Characteristics of Children", Journal of Human Movement Studies, 4.

- 1976, Webster, G. and Newman, J., "A Comparison of the Impact Response of Cadaver Heads and Anthropomorphic Headforms", 20th American Association of Automotive Medicine (AAAM), Atlanta, Georgia.

- 1976, Newman, J., "Characteristics of Motorcycle Accidents", International Research Council on the Biomechanics of Injury (IRCOBI), Meeting on Biomechanics of Injury to Pedestrians, Cyclists and Motorcyclists, Amsterdam.

- 1975, Newman, J., "On the Use of Head Injury Criterion (HIC) in Protective Headgear Evaluation", 19th Stapp Car Crash Conference, San Diego, California.

- 1975, Newman, J. and Lewicki, L., "Head Protection for the Bicyclist", 19th American

Association of Automotive Medicine (AAAM), San Diego, California.

- 1974, Newman, J. and Webster, G., "The Mechanics of Motorcycle Accidents", 18th American Association of Automotive Medicine (AAAM), Toronto, Ontario.