

James Intriligator, Ph.D.

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OVERVIEW

Professor, researcher, catalyst, consultant, and innovator with an expertise in human factors engineering, consumer psychology, perception, design-thinking, and interdisciplinary innovations. Over 25 years of experience crafting innovations in research, academia, technology, and business. Excels at collaboration and organic growth for educational, business, and systems innovation, creative research, course creation, synergy-spotting, and commercialization. Winner of numerous honors/awards, founder of several enterprises, author of 50+ peer-reviewed publications and several patents.

EDUCATION

1992-1997	Ph.D., Cognitive Neuroscience - Perception and Cognition Harvard University, Cambridge, Massachusetts
1990-1992	M.A., Perceptual and Cognitive Psychology Harvard University, Cambridge, Massachusetts
1985-1990	B.A. Cum Laude. Honors in Psychology and Philosophy with Highest Distinction University of California, San Diego, California
1987-1988	Visiting Student – Department of Philosophy King’s College, University of London

HONORS AND AWARDS

2021	Nominated for full membership to Sigma Xi (Scientific Research Honor Society)
2020	Named Vice-President (USA) of the International Federation of National Teaching Fellows
2019	Shortlisted for University-wide “Professor of the Year”, Tufts University
2019	Nominated for a “Distinction Award”, Tufts University
2018	Winner Tufts Teaching with Technology Award, Tufts University
2017	Honorary Chair in the School of Psychology, Bangor University
2017	Named Executive Fellow of the Academy for the Scholarship of Learning
2016	Admitted to Fellowship of the Royal Society of Arts (FRSA)
2015	Elected member of the Committee for the Academy of National Teaching Fellows (CANTF)
2015	Received CELT (Centre for the Enhancement of Learning and Teaching) Associate Award
2014	Named HEA National Teaching Fellow (highest teaching award in the UK)
2013	Inducted into the Bangor University Academy of Teaching Fellows
2013	National Union of Students (NUS) award nominee (Best Teacher and Best Postgraduate Teacher)
2012	NUS university-wide teaching award winner, named students’ “ <i>Equality and Liberation Champion</i> ”
2012	NUS award nominee (Best Teacher, Most Innovative, and Open Category)
2009-2012	Bangor University Academic Champion for Enterprise (ACE)
2010 and 2011	Named “FLUX Champion,” representing Bangor University at national enterprise competitions
1994	Harvard University Bok Center Teaching Award recipient
1991-1994	National Science Foundation graduate fellowship
1990	William James Merit Fellowship, Harvard University
1990	Honors with Highest Distinction in Psychology, University of California, San Diego

RELEVANT EXPERIENCE

9/2020–present	Director of Strategic Innovation – Mechanical Engineering	Tufts University, Boston, USA
8/2016–present	Professor of the Practice – Mechanical Engineering Professor in the Department of Mechanical Engineering.	Tufts University, Boston, USA
8/2018–6/2020	Tisch Faculty Fellow – Tisch College of Civic Life Selected as a Faculty Fellow to engage the university with broader civic and social initiatives.	Tufts University, Boston, USA
8/2016– 9/2020	Director – Human Factors Engineering Director of Human Factors Engineering programs (undergraduate and graduate). Also responsible for certificate programs in Medical Devices and Human-Computer Interaction. Grew the program from 5 graduate students and 0.3 PhD students (2016) to 37 graduate students and 3 PhD students (2020) and increased the number of undergraduate students by 50%. Helped capture (PI or co-PI) over \$1.5m in research funding and built links with other programs to increase interdisciplinary projects and increase civic/social engagement activities.	Tufts University, Boston, USA

8/2016–2020	Professor of Banking Innovations Develop and deliver courses to many of the world’s leading banks.	Asian Banking School, KL
7/2013–2018	Professor of Innovation and Consumer Psychology	Bangor University, Wales, UK
8/2003–7/2013	Senior Lecturer - Psychology Director of the Centre for Consumer Psychology. Teaching, research, and commercialization in psychology, business, and marketing. Supervise undergraduate (BSc) and post-graduate (MA/MSc/PhD) students. Creator of several very successful masters programs.	
4/2013–present	Director Founder and Director of spin-out tech company developing smartphone apps for behavior change. Funded (>\$300k) by UK Technology Strategy Board and the National Health Service, the first game has been proven to reduce alcoholism. Finalist: “Best New Start-up” (Nov 2013).	Attention Retraining Technologies, Wales, UK
8/2012–6/2016	Director of Commercialization - Psychology Work with all staff to commercialize research and capture non-traditional (e.g., corporate) funding for research projects. Have helped to found companies, redraft contracts and intellectual property documents, and capture over £250k (\$386k).	Bangor University, Wales, UK
1/2002 – 6/2003	Innovative Solutions Expert	Syncata, El Segundo/CA
3/2001 - 1/2002	Market Offerings Manager Co-created the company-wide Offerings Development Process. Worked with subject-matter experts to craft product-service strategies and offerings as well as developing supporting marketing strategies. Acted as subject-matter expert (in consulting, business development, and sales meetings) on offerings (e.g. TREAD Act and advanced text/data analysis). Served as spokesman and IP-lead to customers, conferences, and news agencies. Results: Increased internal collaboration through process re-engineering, achieved unprecedented visibility within clients, government agencies (NHTSA), and the media. Opened up six major new accounts and several new industry verticals.	
10/2000-3/2001	Head of Strategic Insights	Idealab!, Boston, MA
1996-1997	Brainstormer for the CEO Co-created internal business development methodology. Member of international brainstorming team. Tracked new technologies and trends. Helped create and develop three new companies. Evaluated existing companies and issued reports to the CEOs on ways to strengthen their businesses. Managed research, creative, and programming teams.	IdeaLab!, Pasadena, CA
Feb-Oct 2000	Director of Strategic Innovation Created and ran internal think tank – managed three analysts. Designed and ran Reach University (“Helping our management teams perform at peak proficiency”). Member of deal-flow R&D team. Issued reports and recommendations to the extended executive management team of the investment firm and portfolio companies.	Reach Internet Ventures, Boston, MA
1997-May 2000	Research Associate Member of three laboratories (Magnetic Brain Stimulation, Ocularmotor Research, and Brain Mapping). Designed, coded, and developed dozens of software programs. Created over 20 scientific studies – the results of which were presented at scientific conferences and in journal articles. Supervised and directed research associates.	Beth Israel Hospital – Neurology, Boston, MA
1990-1997	Graduate Researcher, Instructor Designed, coded, and conducted dozens of studies on human vision and cognition. Primary areas of research: visual attention, visual learning, color perception, and neuropsychology. Taught numerous courses including: perception, statistics, and research methods.	Harvard University, Cambridge, MA
1982-2019	Consultant Consultant in space plasma physics group. Conceptualised, designed, coded, and conducted analyses of plasma data. Created computer simulations of physical phenomena. Supervised research and development team. Wrote software, grants, papers, and patents.	Carmel Research Center, Santa Monica, CA
1994-1995	Visiting Scholar Designed, programmed, and conducted experiments on the visual and linguistic abilities of patients with neurological disorders.	INSERM and L’Hopital Neurologique, Lyon, France
1989-1990	Researcher/Developer Designed and wrote multiple software programs to aid the collection and analysis of event-related potential (ERP) and electroencephalographic (EEG) data.	Scripps Foundation, La Jolla, CA

EXTRAMURAL GRANTS AND CONTRACTS – Principle Investigator (PI) noted where appropriate

- US Army (2022) – “NOESIS Neurosymbolic Objects, Events, Situations Inference System”. *SBRI Phase 1 with Triton Systems*. **Consultant**.
- Tufts TCRC Seed Grant (2021) – “Extreme Weather and Social Connectedness:”. **Co-I**.
- Laidlaw Scholar Mentor Grant (2021) – “Minimal Robotic-Assisted Telesurgery for Cataracts”. **PI**.
- Federal Highway Administration (2020) - “Video Analytics and Traffic Hazard Detection”. **Co-I**.
- Center for Applied Brain and Cognitive Sciences (2020) – “Dynamic Information Needs Analysis: Understanding User Information Needs in Subterranean Warfare”. **PI**.
- Laidlaw Scholar Mentor Grant (2020) – “Biomechanics, Machine-Learning, and Soft-Robotics Design”. **PI**.
- Laidlaw Scholar Mentor Grant (2020) – “Machine Learning, Analytics, and Soft-Robotics Design”. **PI**.
- Missile Defense Agency (2020) – “Multisensory Interactive Data Analysis System (MIDAS) – Phase 2”. *STTR Phase 2 with partner company Triton Systems*. **PI**.
- Laidlaw Scholar Mentor Grant (2019) – “Human Factors and Soft-Robotics Design”. **PI**.
- CTSI Pilot Grant (2019) – “The Feasibility of Immersive Virtual Reality as a treatment for Chronic Back Pain”. *Funded with Tufts Occupational Therapy (Prof Nancy Baker)*. **Co-I**.
- Tisch Faculty Fellow Grant (2019) – “Designing Design Innovators”. **PI**.
- Office of Naval Research (2019) – “Gesturally-Responsive Action-Based Systems (GRABS)”. *SBRI Phase 1 funded with partner company Triton Systems*. **PI**.
- Dept of Homeland Security (2019) – “Luggage Scanner Optimization”. *SBRI Phase 2 funded with partner company IDSS*. **PI**.
- Missile Defense Agency (2019) – “Multisensory Interactive Data Analysis System (MIDAS)”. *STTR Phase 1 funded with partner company Triton Systems*. **PI**.
- Tisch Faculty Fellow Grant (2018) – “Design Thinking and Civic Life”. **PI**.
- Dept of Homeland Security (2018) – “Luggage Scanner Optimization”. *SBRI Phase 1 funded with partner company IDSS*. **PI**.
- Hardware Grant (2017) – “VR Embodiment and Interface Design”. Oculus Research. **PI**.
- ESRC Impact Accelerator Grant (2016) – “Gamification to Reduce Alcoholism in Young Adults”. **PI**.
- Bangor University Competitive Internship Funding Grant (2015) – 2 awards. **PI**.
- Arts and Humanities Research Council (AHRC) – “Gallery 2.0: How digital technology can augment gallery experiences and explorations”. **Co-PI** (with Gareth Harvey).
- Technology Strategy Board: “Attention Retraining Technologies”. Technology Strategy Board and NHS funding of innovative high-tech startup. **PI**. Funding to launch new spin-out.
- Bangor University Competitive Internship Funding Grant (2013 and 2014).
- Welsh Assembly Government: “North Wales Regional Enterprise Hub”. To Dec 2015. Lead Academic.
- Technology Strategy Board: “Mobile Technologies and Gamification to Reduce Alcoholism”. Technology Strategy Board. To April 2013. **PI**.
- EU Access to Masters Studentship Awards: With: *Antur Waunfawr*. To 10/2014. **PI**.
- EU Access to Masters Studentship Awards: With: *BIC Innovations*. To 10/2014. **PI**.
- EU Access to Masters Studentship Awards: With: *Coleg Menai*. To 10/2013. **PI**.
- EU Access to Masters Studentship Awards: With: *Antur Waunfawr*. To 10/2013. **PI**.
- Research Contract: SBXL: Brains, Choice, and Shopping. **Co-PI**.
- Research Contract: Cadbury: Aromas, chocolate, priming, and shopping. **PI**.
- Research Grant: Strategic Insights Programme, Glanmorgan University. **PI**.
- Research Contract: Deiniol Centre: The Psychology of Shopping and Spaces. **PI**.
- KESS PhD Student Award: Co-Supervisor with Charles Leek. Company Partner: Countryside Council of Wales, GeoSho Technology. To November 2014. **PI**.
“Consuming Nature: Digital Technologies in Outdoor Spaces”
- KESS PhD Student Award: Co-Supervisor with Rob Ward. Company Partner: Boots. To November 2013. **PI is R. Ward**. *“A Divine Deception: Faces, Personalities, and Make-up”*
- KESS PhD Student Award: Co-Supervisor with Marketa Caravolas. Company Partner: Remploy. To November 2013. **PI is M. Caravolas**.
“An Evaluation of an Interventional Training Programme for Dyslexia in the Workplace”
- KESS PhD Student Award: Co-Supervisor with John Parkinson. Company Partner: Setters Partners. To November 2012. *“The Psychology of Corporate Coaching”*. **PI is J. Parkinson**.
- ESRC Case PhD Student Award: Intriligator (Supervisor). To October 2011.
“Digital Signs in Workplaces: Mood, Attitudes, Behaviours, and Learning”. **PI**.

UK Waste and Recycling Action Programme (WRAP): Intriligator. To August 2008.
"Package Design and Over-Packaging" **PI.**

European Union (Consortium): With Unilever & Trinity College Dublin. To October 2010. **Co-PI.** *"Using Cognitive Neuroscience to Understand How Consumers Make and Maintain Healthy Food Choices"*

Unilever: Co-PI with John Parkinson. To December 2008. **Co-PI.** *"Neuroscience of Food Choice"*

Mars-Masterfoods. To October 2007. **PI.** *"Consumer Perceptions of Over-Packaging"*

European Union (Objective 1 funded PhD): Intriligator (Supervisor). To June 2007.
"Neuroscience of Internet Marketing" **PI.**

Mars-Masterfoods Intriligator. To April 2007.
"Forms of In-Store Marketing" **PI.**

Mars-Masterfoods Intriligator. To January 2007.
"The Psychology of Off-Shelf Displays" **PI.**

Millward-Brown: Co-PI with Jane Raymond. To September 2006.
"Neuroscience and Advertising" **Co-PI.**

Knowledge Exploitation Fund (KEF): Co-PI with Jane Raymond. To June 2006.
"Saving Sight: A Cheaper, Faster, and Earlier Test for Glaucoma" **Co-PI.**

Knowledge Exploitation Fund (KEF): Co-PI with Jane Raymond. To June 2006.
"Neuroscience Tools for Market Research" **Co-PI.**

Welsh Development Agency (WDA). Co-PI with Jane Raymond. To April 2005.
"The Psychology of Welsh SMEs" **Co-PI.**

RESEARCH

Author of over fifty papers appearing in top-level scientific journals (*see publications list below*).

Author of dozens of scientific papers presented at international scientific conferences (*see list at end*).

AREAS OF RESEARCH:

Human Factors Engineering and Systems Design

Design thinking, creativity, and innovation.

Education: inter-disciplinary and experiential learning paradigms.

Branding/Packaging: Neuroscientific measures of brands, packs, marketing.

Consumer Perceptions and Experience: Design thinking in the consumer and marketing domains.

Sensory: attention, vision, audition, learning, neuropsychology, phenomenology, eye movements.

Cognition: attention, decision-making, neuropsychology, learning, education.

Neuroimaging: electrophysiology, functional/magnetic imaging, transcranial magnetic stimulation.

Business: Consumer psychology, marketing/branding, product/service strategies, innovation, entrepreneurship, methodologies (business creation/development & think-tanks).

Philosophy: Transversal Analysis into the nature of design, science, religion, culture, and art.

PUBLICATIONS

Published – Journal Impact Factor (JIF) noted where appropriate

1. Intriligator, J. (2023), Unlocking the Doors of Perception: A New Era in Sensory and Consciousness Sciences, *Physics of Life Reviews*. ISSN 1571-0645, <https://doi.org/10.1016/j.plrev.2023.07.007>. JIF: 11.7.
2. Smith, C.M., Rauwolf, Paul., Intriligator, J., Rogers, R. D. (2020). Hostility is associated with self-reported cognitive and social benefits across Massively Multiplayer Online Role-Playing Game player-roles. *Cyberpsychology: Behavior and Social Networking*.
3. Intriligator, D. S., Miller, W.D., Intriligator, J., and Webber, W.R. (2018). Voyager Evidence for Large-Scale Structure in Plasma and Energetic Particle Behavior Beyond the Termination Shock, *Journal of Physics: Conference Series*. 1100(1):012013. DOI: 10.1088/1742-6596/1100/1/012013.
4. Intriligator, D. S., Miller, W.D., Intriligator, J., Webber, W.R., Sun, W., Detman, T., Dryer, M., and Deehr, C. (2017). Recent Voyager Evidence for Rapid Transport of Flare-Generated Disturbances by Polar Coronal Hole Streams, *Journal of Physics: Conference Series*. 900(1):012010. DOI: 10.1088/1742-6596/900/1/012010.
5. Intriligator, D. S., Sun, W., Detman, T., Miller, W.D., Intriligator, J., Dryer, M., Webber, W.R., Deehr, C., and Gloeckler, G. (2016). The Sun's Dynamic Influence on the Outer Heliosphere, the Heliosheath, and the Local Interstellar Medium, *Journal of Physics: Conference Series*. 76, (2016) 012013 DOI: 10.1088/1742-6596/76/1/012013.
6. Peatfield N., Caulfield J., Parkinson J., Intriligator J. (2015). Brands and Inhibition: A Go/No-Go Task Reveals the Power of Brand Influence. *PLoS ONE* 10(11): e0141787. doi:10.1371/journal.pone.0141787.
7. Intriligator, D. S., Sun, W., Dryer, M., Intriligator, J., Deehr, C., Detman, T., and Webber, W.R. (2015). Did the July 2012 solar events cause a “tsunami” throughout the heliosphere, heliosheath, and into the interstellar medium? *Journal of Geophysical Research*, VOL. XXX, XXX, 60 PP., 2015, DOI: 10.1002/2015JA021406. JIF: 3.021.
8. Cox, W.M., Intriligator, J., and Hillier, C. (2015). Chimpshop and alcohol reduction – using technology to change behavior. *Perspectives in Public Health*, 2015, 135(3). JIF: 1.035.
9. Cox, W.M., Fadardi, J.S., Intriligator, J. and Klinger, E. (2014). Attentional bias modification for addictive behaviours: Clinical implications. *CNS Spectrums*, 2014, 19(3):215-24. doi: 10.1017/S1092852914000091. (2014). JIF: 3.409.
10. Klein, C., Saville, C.W., C.W.N., Shikhare, S., Iyengar, S., Daley, D., Intriligator, J., Boehm, S., Feige, B. (2012). Is reaction time variability consistent across sensory modalities? Insights from latent variable analysis of single-trial P3b latencies. *Biological Psychology*, 91, 275 (2012). JIF: 3.348.
11. Peatfield, N., Parkinson, J., and Intriligator, J. (2012). Emotion-Based Learning is Biased by Brand Logos. *Applied Cognitive Psychology*, 26, 5, 694-701, DOI: 10.1002/acp.2847. JIF: 1.667.
12. Intriligator, D. S., Detman, T., Gloeckler, G., Gloeckler, C., Dryer, M., Sun, W., Intriligator, J., and Deehr, C. (2012). Pickup Protons: Comparisons Using the Three-Dimensional MHD HHMS-PI Model and Ulysses SWICS Measurements. *Journal of Geophysical Research*, VOL. 117, A06104, 8 PP., 2012, doi:10.1029/2011JA017424. JIF: 3.021.
13. Peatfield, N., Turnbull, O., Parkinson, J., and Intriligator, J. (2011). Quick as a BLINK: An ultra-rapid analogue of Iowa Gambling Task decision-making. *Journal of Clinical and Experimental Neuropsychology*, DOI: 10.1080/13803395.2011.633496. JIF: 2.133.
14. Saville, C.W., Pawling, R., Trullinger, M., Daley, D., Intriligator, J., and Klein, C. (2011). On the Stability of Instability: Optimising the Reliability of Intra-Subject Variability (ISV) of Reaction Times. *Personality and Individual Differences*, 51:148-153. JIF: 2.313.
15. Saville, C.W., C.W.N., Dean, R.O., Daley, D., Intriligator, J., Boehm, S., Feige, B., and Klein, C. (2011). Electrocortical correlates of intra-subject variability in reaction times: Average and single-trial analyses. *Biological Psychology*, 87:74-83. JIF: 3.348.
16. Intriligator, D.S., Detman, T., Intriligator, J., Gloeckler, C., Sun, W., Miller, W. D., Webber, W. R., and Dryer, M. (2011). Shock Waves in Space Environments. In *Shock Waves in Space and Astrophysical Environments* (Eds. Q. Hu, V. Florinski, G. Zank), AIP.
17. Detman, T., Intriligator, D. S., Dryer, M., Sun, W., Deehr, C., and Intriligator, J. (2011). The Influence of Pickup Protons, from Interstellar Neutral Hydrogen, on the Propagation Interplanetary Shocks from the Halloween 2003 Solar Events to ACE and Ulysses: A 3D MHD Modeling Study. *Journal of Geophysical Research*, 116, A03105, doi:10.1029/2010JA015803. JIF: 3.021.
18. Intriligator, D. S., Intriligator, J., Miller, W. D., Webber, W., and Decker, R. B. (2010). High energy plasma ions found near the termination shock: Analyses of Voyager 2 data in the heliosheath and in the outer heliosphere, *Journal of Geophysical Research*, 115, A07107, doi:10.1029/2009JA014967. JIF: 3.021.

19. zooz (Intriligator, J. and Reynolds, B.) (2010). Continuous R(E)volutions: Thermodynamic Processes, Analog Hybridizations, Transversal Becomings, and the Post-human. *postmedieval: a journal of medieval cultural studies* 1.1/2 (April 2010).
20. Intriligator, D. S., Sun, W., Rees, A., Horbury, T., Webber, W.R., Deehr, C., Detman, T., Dryer, M., and Intriligator, J. (2008). Three-Dimensional Simulations of Shock Propagation in the Heliosphere and Beyond, Particle Acceleration and Transport in the Heliosphere and Beyond (Eds. G. Li, Q. Hu, O. Verkhoglyadova, G. Zank, R. Lin, and J. Luhmann) AIP 1039, 375-383.
21. Intriligator, D.S., Rees, A. Horbury, T., Sun, W., Detman, T., Dryer, M., Deehr, C., Intriligator, J. (2007). 3D Modeling and Turbulence: From the Sun to Voyager 1, *Turbulence & Nonlinear Processes In Astrophysical Plasmas*.
22. Barton, J.J.S., Radcliffe, N., Cherkasova, M.V., Edelman, J., Intriligator, J. (2006). Information processing during face recognition: the effects of familiarity, inversion and morphing on scanning fixations. *Perception*, 35(8), 1089-1105. JIF: 1.293.
23. Intriligator, D.S., Sun, W., Dryer, M., Fry, C.D., Deehr, C., Intriligator, J. (2005). From the Sun to the outer Heliosphere: Modeling and analyses of the interplanetary propagation of the October/November ("Halloween") 2003 solar events, *Journal of Geophysical Research A: Space Physics*. 110(A9). JIF: 3.021.
24. Tse, P.U., Rivest, J., Intriligator, J. and Cavanagh, P. (2004). Attention and the subjective expansion of time. *Perception and Psychophysics*, 66(7), 1171-1189. JIF: 1.37.
25. Barton, J.J.S., Cherkasova, M.V., Press, D.Z., Intriligator, J., O'Connor, M. (2004). Perceptual functions in prosopagnosia. *Perception*, 33: 939-956. JIF: 1.293.
26. Rivest, J., Kim, J. S., Intriligator, J., Sharpe, J. A. (2004). Effect of Aging on Visual Shape Distortion. *Gerontology (International Journal of Experimental, Clinical and Behavioral Gerontology)*, 50(3), 142-152.
27. Barton, J.J.S., Cherkasova, M.V., Press, D.Z., Intriligator, J., O'Connor, M. (2003). Developmental prosopagnosia: A study of three patients. *Brain and Cognition*, 51, 12–30. JIF: 3.174.
28. zooz (Intriligator, J. and Reynolds, B.) (2003). Transversal Poetics: I. E. Mode. *GESTOS: Teoria y Práctica del Teatro Hispánico*, 18:35, 9-22.
29. zooz (Reynolds, B. and Intriligator, J) (2003). Transversal Poetics: IE Mode. In: B. Reynolds and D.K. Hedrick (Eds.), *Performing Transversally: Reimagining Shakespeare and the Critical Future*. Palgrave Macmillan Publishing Corp. New York. Romanian translation (2006) by Anca Pintilie under the title: Jucind Transversal: Reimaginindu-l pe Shakespeare Si Viitorul Critic. UNITEXT, Bucure6ti.
30. Intriligator, J., Xie, R., Barton, J.J.S. (2002). Blindsight modulation of motion perception. *Journal of Cognitive Neuroscience*, 14:8, 1174-1183. JIF: 5.175.
31. Cherkasova, M.V., Manoach, D.S., Intriligator, J., Barton, J.J.S. (2002). Antisaccades and task-switching: interactions in controlled processing. *Experimental Brain Research*, 144: 528-537. JIF: 2.395.
32. Barton, J.J.S., Cherkasova, M.V., Lindgren, K., Goff, D.C., Intriligator, J.M., Manoach, D.S. (2002). Antisaccades and task switching Studies of control processes in saccadic function in normal subjects and schizophrenic patients. *Neurobiology of eye movements: from molecules to behavior*. 956: 250-263. *Annals of the New York Academy of Sciences*. JIF: 3.155.
33. Manoach, D.S., Lindgren, K.A., Cherkasova, M.V., Goff, D.C., Halpern, E.F., Intriligator, J., Barton, J.J.S. (2002): Schizophrenic subjects show deficient inhibition but intact task-switching on saccadic tasks. *Biological Psychiatry*, 51:816-825. JIF: 8.283.
34. Intriligator, J. and Cavanagh, P. (2001). The spatial resolution of visual attention. *Cognitive Psychology*. 171-216. JIF: 4.273.
35. Barton, J.J.S., Intriligator, J. (2001). Vertical saccades in superior oblique palsy and Brown's syndrome. *Journal of Neuro-Ophthalmology*, 21:4, 250-255. JIF: 1.448.
36. Intriligator, D.S., Jokipii, J.R., Horbury, T.S., Intriligator, J.M., Forsyth, R.J., Kunow, H., Wibberenz, G., and Gosling, J.T. (2001). Processes associated with particle transport in corotating interaction regions and near stream interfaces. *Journal of Geophysical Research*., 106:10625-10634. JIF: 3.021.
37. Battelli, L., Cavanagh, P., Intriligator, J., Tramo, M.J., Hénaff, M.A., Michel, F. (2001). Unilateral Right Parietal Damage Leads to Bilateral Deficit for High-Level Motion. *Neuron*, Vol. 32, 985-995. JIF: 14.736.
38. Intriligator, J., Hénaff, M.A. and Michel, F. (2000). Able to name, unable to compare: The visual abilities of a posterior split-brain patient. *Neuroreport*, 11(12), 2639-2642. JIF: 1.616.
39. Holcombe, A. O., Intriligator, J., and Tse, P. U. (2000). The spoke brightness illusion originates at an early motion processing stage. *Perception and Psychophysics*, 62(8), 1619-1624. JIF: 1.37.
40. He, S., Cavanagh, P., & Intriligator, J. (2000). Attentional resolution and the locus of visual awareness. In M. Gazzaniga (Ed), *Cognitive neuroscience: A reader*. (pp. 153-187). Malden: Blackwell Publishers.

41. Cavanagh, P., He, S., & Intriligator, J. (1999). Attentional resolution: The grain and locus of visual awareness. In: C. Taddei-Ferretti and C. Musio (Eds.), *Neuronal basis and psychological aspects of consciousness*. Singapore: World Scientific. p. 41-52.
42. Chen, Y., McPeck, R., Intriligator, J., Holzman, P.S., and Nakayama, K. (1999). Smooth pursuit to a movement flow and associated perceptual judgments In: W Becker, H Deubel and T Mergner (Eds.), *Current Oculomotor Research: Physiological and Psychological Aspects*. Plenum. New York. p. 125-128.
43. Holcombe, A.O., Macknik, S., Intriligator, J., Seiffert, A. E., and Tse, P. U. (1999). Wakes and spokes: New motion-induced brightness illusions. *Perception*, 28 (10). 1231-1242. JIF: 1.293.
44. Nielsen, K., Intriligator, J., and Barton, J.J.S. (1999). Spatial representation in the normal visual field: A study of hemifield line bisection. *Neuropsychologia*, 37, 267-277. JIF: 3.636.
45. Cavanagh, P., Hénaff, M.A., Michel, F., Landis, T., Troscianko, T, and Intriligator, J. (1998). Complete sparing of high-contrast colour input to motion perception in cortical colour blindness. *Nature Neuroscience*, 1, 3, 242-247. JIF: 15.531.
46. He, S., Cavanagh, P., and Intriligator, J. (1997). Attentional resolution. *Trends in Cognitive Sciences*, 1, 3, 115-121. JIF: 12.586.
47. Intriligator, J. (1997). A real-time method for generating random-dot motion displays of specified coherence. *Spatial Vision*, 11, 1, 33-41. JIF: 1.04.
48. Rivest, J., Boutet, I., and Intriligator, J. (1997). Perceptual learning of orientation discrimination by more than one attribute. *Vision Research*, 37, 3, 273-281. JIF: 2.414.
49. He, S., Cavanagh, P., and Intriligator, J. (1996). Attentional resolution and the locus of visual awareness. *Nature*, 383, 334-337. JIF: 36.28.
50. Michel, F., Hénaff, M.A., and Intriligator, J. (1996). Two different readers in the same brain after a posterior callosal lesion. *NeuroReport*, 7,3, 786-788. JIF: 1.656.
51. Intriligator, J. and Polich, J. (1995). On the relationship between EEG and ERP variability. *International Journal of Psychophysiology*, 20, 59-74. JIF: 2.144
52. Intriligator, J. and Polich, J. (1994). On the relationship between background EEG and the P300 event-related potential. *Biological Psychology*, 37, 207-218. JIF: 3.225.
53. Kosslyn, S. M. and Intriligator, J. M. (1992). Is cognitive neuropsychology plausible? The perils of sitting on a one-legged stool. *Journal of Cognitive Neuroscience*, 4(1), 96-106. Italian translation (1994) by Maurizio Riccucci under the title: La neuropsicologia cognitiva è plausibile? Ovvero i rischi di sedere su uno sgabello a una gamba sola. *Systemi Intelligenti*, 6(2), 181-205. JIF: 5.175.

PATENTS GRANTED

- Intriligator, D.S. and Intriligator, J. System and Method for Space Weather Prediction. Chinese Patent awarded 2009, Canadian Patent awarded 2008, World-Wide Patent - 2004, European Patent - 2003.
- Intriligator, D.S. and Intriligator, J. A System and Method for Space Weather Prediction. United States Patent awarded November, 2001. Additional Patents granted in 2002, 2003, and 2004.
- Intriligator, J. Self-Synchronizing Animations. United States Patent awarded August, 2000.

TECHNICAL REPORTS, WHITEPAPERS, AND OTHER WORKS (selected)

- Intriligator, J. and Transversal Theater Company. "[The Passage](#)" Created computer-generated visuals for a transversal multi-domain experience. Premiered Oct, 2023 (UC Irvine). [<https://vimeo.com/806560720>]
- Intriligator, J. and Transversal Theater Company. "After Images, or Marie Curie Remembers" at the University of Amsterdam's Theater (Sept, 2022).
- Intriligator, J. and Transversal Theater Company. "[Curie Curie](#)". Created computer-generated visuals for a transversal multi-domain experience. Premiered Oct, 2021 (UC Irvine). Subsequent performances in Warsaw, Poland (January, 2022), Belgium (Sept, 2022), and Amsterdam (Sept, 2022) [<https://vimeo.com/650537738>]
- Intriligator, J. The Future of Human Factors Engineering. Link: <https://tinyurl.com/tyck87y> (January, 2020).
- Intriligator, J. Bowman, C., Harvey, G., Michaut, L. Psychology In The Aisles: Psychological Influences In Shopping Environments. Strategic Guidance Document for Aldi's national store redesign (February, 2016).
- Intriligator, J. Two Lazy Brains and the Psychology of Convenience. Presentation for Unilever "Garage" Innovation Team (December, 2015).
- Intriligator, J. The Psychology of Convenience. Presentation for Unilever Global Fabric Conditioner Innovation Team (November, 2015).
- Intriligator, J. Emotions, brands, and Advertising. Presentation for Unilever Global Hair care (November, 2015).
- Intriligator, J. The Psychology of Luxury. Presentation for Unilever Global Mashup (November, 2014).

- Intriligator, J. and Dyboski-Bryant, P. The Psychedelic Bubble-Dome: Featuring the KaleidoSphere. An arts-science installation at the Conwy Feast (October, 2014).
- Morgan, H., Mullens, P., Cross, E. and Intriligator, J. (2013). "Choice, Options, and Decision Making: Behavioural and Neural Dynamics". SBXL Technical Report.
- Harvey, G.J., Thorne, S. and Intriligator, J. (2013). "Aromas, priming, and chocolate: Psychological Influences and Consumer Choice". Kraft/Cadbury Report.
- Bangor EbD Team (2013). Big Ideas Wales: Bangor's Innovative Multidisciplinary Enterprise-by-Design Programme. A case study appearing on the Welsh Assembly Government's Big Ideas Wales website. Link: <http://tinyurl.com/jiEbdCaseBIW>
- Goodman, A., Harvey, G.J., Intriligator, J., Laing, R., Owen, L., Pierce, I., Rowlands, D., and Walker, C. (2012). Enterprise By Design: A Case Study. A report to the Higher Education Science, Technology, Engineering, and Maths council. Link: <http://tinyurl.com/jiEbdCaseHESTEM>
- Intriligator, J. and Harvey, G.J. (2009). Dynatmospherics: The Future of DSNs. *Pixel Inspiration Report*.
- Intriligator, J. and Plews, G. (2008). Project KING: Package Design And Testing In The Seasonal, Gift And Luxury Markets. WRAP Technical Report.
- Intriligator, J. (2006). "Digital Sign Networks: A Vision for Visionaries". End of project technical report for Planar/Clarity (Wilsonville, Oregon).
- Intriligator, J. (2005). "Digital Sign Networks: Ready, Set, Go!" End of project technical report for Planar/Clarity (Wilsonville, Oregon).
- Intriligator, J. (2005). The Psychology of Digital Sign Networks. *Pixel Inspiration Whitepaper*.
- Intriligator, J. and Raymond, J. (2005). Representations and Advertising. *Millward Brown project report*.
- Intriligator, J. and Raymond, J. (2005). The Neuroscience of Advertising. *Millward Brown project report*.
- Intriligator, J. and Raymond, J. (2004). Psychology and Market Research. *Millward Brown project report*.
- Intriligator, J. (2003). Fix Problems Faster: Improve Quality with Data Mining, Artificial Intelligence, and Warranty Analysis. *Syncata Automotive Insights Whitepaper*.
- Intriligator, J. (2002). The TREAD Act Data Reporting Requirements and Benefits Beyond Compliance. *Syncata Automotive Insights Whitepaper*.
- Intriligator, J., Barton, J.J.S., Pascual-Leone, A., Intriligator, K. (2000). A Software-Based Method for Localizing Brain Regions and Method for Aiding the Recovery of Functions after Brain Injury. Technical Brief. Technology Ventures Office, Beth Israel Deaconess Medical Center.
- Contributor: The Mind's Eye. Educational CD-ROM series
- Creator: "Mind, Eye, and Motion" – Permanent exhibit at Technorama science museum. Zurich, Switzerland.

ABSTRACTS / CONFERENCE PRESENTATIONS

1. Pearl, D. and Intriligator, J. (2022). Persona Multiplication: A Method to Avoid Designed Injustice. *Seventeenth International Conference on Design Principles & Practices*. December, 2022.
2. Miller, D., Sawyer, B, Intriligator, J., Bland, B. Social Robots in Constructive Conflicts. Proceedings of Robophilosophy 2022 conference. Helsinki, Finland, August 16-19, 2022.
3. Intriligator, J. (2021). Multidimensional Task Analysis (MTA): A New Design Method for Human Factors Practitioners. Proceedings of the Human Factors and Ergonomics Society Annual Meeting. Vol. 65. No. 1. Sage CA: Los Angeles, CA: SAGE Publications, 2021.
4. Rantanen, E., Lee, J., Darveau, K., Miller, D., Intriligator, J., Sawyer, B. (2021). Ethics Education of Human Factors Engineers for Responsible AI Development. Proceedings of the Human Factors and Ergonomics Society Annual Meeting. Vol. 65. No. 1. Sage CA: Los Angeles, CA: SAGE Publications, 2021.
5. Zamen, F., Drake, W., Intriligator, J., Gardony, A., Rife, J. (2021). Investigating a Virtual Reality Based Subterranean Scenario Examining Augmented Reality Implications for Military Operators. Proceedings of the Human Factors and Ergonomics Society Annual Meeting. Vol. 65. No. 1. Sage CA: Los Angeles, CA: SAGE Publications, 2021.
6. Zamen, F., Roeca, G., Lupascu, I. Gardony, A., Rife, J., Intriligator, J. (2021). Analyzing Spatial Memory in a Virtual Reality-Based Subterranean Scenario: Implication for Military Augmented Reality Systems. Proceedings of the Human Factors and Ergonomics Society Annual Meeting. Vol. 65. No. 1. Sage CA: Los Angeles, CA: SAGE Publications, 2021.
7. Intriligator, J. Next-gen Luggage Scanner Operations: Processes, Interfaces, and Tools. Presentation at Advanced Development for Security Applications (ADSA) Workshop 22: Reducing Operator Cognitive Load in Aviation Security, December 2020.
8. Hannon, D., Rantanen, E., Lee, J., Sawyer, B., Darveau, K., O'Donnell, R., and Intriligator, J. The Education of the Human Factors Engineer in the Age of Data Science. Panel at the HFES Conference, October 2020.
9. Zaman, F., Rife, J., Hannon, D., and Intriligator, J. Dynamic Information Needs Analysis: Understanding User Information Needs in Subterranean Warfare. HFES Conference, October 2020.
10. Smith, C., Ensslin, A., Intriligator, J. and Rogers, R.D. (2016, Nov). Conservative killers & liberal questers: Even gaming is 'Trumped' by politics. Winter Research Conference, Bangor, Wales, United Kingdom.
11. Bagheri, M., Cox, W. M., & Intriligator, J. M. (2015, May). Response withholding: Relationships with self-regulation, alcohol consumption, and other variables. Paper presented at the 18th Annual Conference of the European Association of the Substance Abuse Research (EASAR), Bangor, Wales, United Kingdom.
12. Intriligator, J. Hughes, S.M., and Greene, J. (2014). Learner Journeys: A Self-Woven Tapestry of Experiences. Presentation at HEA Future Directions Conference ("Global Graduates: Enabling Flexible Learning"). April 2014.
13. Intriligator, J. Bowman, C., and Laing, R. (2014). Learn-While-Doing and Do-While-Learning: Integrating Enterprise Skills within Education. Presentation at HEA Future Directions Conference ("Global Graduates: Enabling Flexible Learning"). April 2014.
14. Intriligator, J. and Harvey, G. (2013). Enterprise Training in Masters Education: Lessons from Psychology and Marketing. Presentation at International Enterprise Educators Conference. September, 2013.
15. Harvey, G. and Intriligator, J. (2013). Wrapping Research around Enterprise Education: Philosophy, Guidance, and Examples. Presentation at International Enterprise Educators Conference. September, 2013.
16. Hillier, C. and Intriligator, J. (2013). Enterprise Education through Social Enterprises: The Social Enterprise Accelerator (SEA). Presentation at International Enterprise Educators Conference. September, 2013.
17. Muir, J., Gudgeon, J., Intriligator, J., and Owen, L. (2013). Using Social Media and Gamification to build enterprise co-education. Presentation at International Enterprise Educators Conference. September, 2013.
18. Peatfield, N., Lawrence, N., Bailey, F., Garavan, H., Intriligator, J., and Parkinson, J. (2011). Inhibitory control and motivation for food. Presentation at The Society for the Study of Motivation - Satellite Conference of the APS. May 2011.
19. Intriligator, J., Eschweiler, T., Herwig, V., Harvey, G.J., and Goodman, A. (2010). The Psychological Impact of Enterprise Education. Presentation at the International Enterprise Educators Conference. Cardiff, UK. September 2010.
20. Peatfield, N., Caulfield, J., Parkinson, J., Garavan, H., and Intriligator, J. (2010). Consumer Inhibition: Brands and the Go/No-Go Task. Presentation at the Society for Consumer Psychology / American Psychology Association conference. San Diego, USA. August 2010.
21. Saville, C, Daley, D, Intriligator, J, Boehm, S., and Klein, C. (2010). Lost in the average: Overcoming ERP latency jitter in populations with highly variable reaction times. Presentation at ERA meeting 2010.
22. Saville, C, Daley, D, Intriligator, J, Boehm, S., and Klein, C. (2010). Lost in the average: Overcoming ERP latency jitter in populations with highly variable reaction times. Poster at Eunethydis 2010.

23. Saville, C, Daley, D, Intriligator, J, and Klein, C. (2010). On the stability of instability: Psychometric characteristics of intra-subject variability of reaction times. Poster at Eunethydis 2010.
24. Intriligator, D. S., Intriligator, J., Miller, W. D., Webber, W., Decker, R. B., Sun, W., Detman, T., Dryer, M, and Deehr, C. (2010). Voyager 2 high energy ions near the outward moving termination shock. In Pickup Ions Throughout the Heliosphere and Beyond: Proceedings of the 9th Annual International Astrophysics Conference. Edited by J leRoux et al, 148-157, Am Inst of Phycsic, Melville, N.Y.
25. Peatfield, N. and Intriligator, J. (2009). The times they are a'changin: Affective images impact time perception. Presentation at ECVF conference, August 2009.
26. Intriligator, D., Intriligator, J., and Webber, W. Examination of the Voyager 2 Plasma Observations in the Vicinity of the Termination Shock. Presentation at AGU conference, December, 2008.
27. Detman, T., Intriligator, D., Dryer, M., Sun, W., Deehr, C.S., and Intriligator, J. Initial Results from the 3D Hybrid Heliospheric Modeling System with Pickup Protons. Presentation at AGU conference, December, 2008.
28. Peatfield, N. and Intriligator, J. (2008). When meaning matters: The effects of images in decision-making. Presentation at ECVF conference, August 2008.
29. Intriligator, J., Tibboel, H., Takahashi, C., & Enns, J. T. (2007). Rapid resumption: Temporal asynchrony reveals contents of perceptual hypotheses [Abstract]. *Journal of Vision*, 7(9):721, 721a, <http://journalofvision.org/7/9/721/>, doi:10.1167/7.9.721.
30. Intriligator, J., & Kaltreider, J. (2006). Faces and familiarity: Not all fame is the same [Abstract]. *Journal of Vision*, 6(6):274, 274a, <http://journalofvision.org/6/6/274/>, doi:10.1167/6.6.274.
31. Greenwell, F., & Intriligator, J. (2006). Measuring implicit emotional reactions: A picture's worth is found inwards [Abstract]. *Journal of Vision*, 6(6):953, 953a, <http://journalofvision.org/6/6/953/>, doi:10.1167/6.6.953.
32. Intriligator, D. S., Detman, T., Dryer, M., Fry, C.D. (Ghee), Sun, W., Deehr, C., and Intriligator, J. (2005). Initial comparisons between a 3D MHD approach and the HAFv2 kinematic model: The Halloween 2003 events from the Sun to 6 AU, in *Physics of Collisionless Shocks, Proceedings of the Fourth IGPP Conference on the Outer Heliosphere*, (Ed., G. Li), Palm Springs, CA, February 2005, Amer. Inst. of Phys. Conf. Proc. 720.
33. Intriligator, D. S., Detman, T., Sun, Fry, C.D. (Ghee), W., Dryer, M., Deehr, C., Smith, Z., and Intriligator, J. (2005). Asymmetries in the Solar Wind from the Sun to 10 AU: Comparison Between a 3D MHD Approach and the 3D HAFv2 Kinematic Model, in *Proceedings of Solar Wind 11*, Whistler, B.C., Canada, June 13-17, 2005, ESA Publ. SP-592, in press, 2005.
34. Intriligator, D.S., Dryer, M., Sun, W., Fry, C.D., Deehr, C.S., and Intriligator, J. (2004). Dynamics of the Outer Heliosphere, *Proceedings of the Third IGPP Conference on the Outer Heliosphere*, Amer. Inst. of Physics Conf. Proc. 719, pp. 117-126.
35. Nolan, M. Intriligator, J., Gilchrist, A. (2004). *Kansas. Perception*, 22, ECVF Supplement, 153.
36. Barton JJS, Radcliffe N, Cherkasova MV, Intriligator J.M. (2003) Scanning faces: a cognitive information processing approach to face recognition. North American Neuro-ophthalmologic Society, Snowbird, 2003. In: <http://nanosweb.org>
37. Intriligator, J. (2002). Improve Quality with Data Mining, AI, and Warranty Analysis. *AIAG Autotech Presentation*.
38. Rivest, J., Kim, J.S., Intriligator, J., and Sharpe, J.A. (2001). Age-related decline in the shape distortion effect. *ARVO*.
39. Cherkasova MV, Manoach D, Intriligator J, Keenan JP, Barton JJS. (2001) Antisaccades and task shifting: interactions in controlled processing. *Cognitive Neuroscience Society*, Mar 2001.
40. Manoach D, Cherkasova M, Goff, D, Intriligator J, Barton JJS. (2000) Antisaccades and task-shifting in schizophrenia: The costs of combining executive functions. *Society for Neuroscience*, New Orleans, Nov 2000
41. Edelman, J.A., Intriligator, J. and Barton, J.J. (2000) Is poor antisaccade performance in human due to the absence of a visual target, or to reflex suppression? *Soc. Neurosci Abstr.*, suppl., 25:362.3.
42. Kim, J.S., Rivest, J., Suzuki, S., Intriligator, J., and Sharpe, J.A. (2000). The shape distortion effect after cerebral hemispheric lesions. *Investigative Ophthalmology and Visual Science*, 41(4), s216.
43. Chen, Y., McPeck, R.M., Intriligator, J., Kristjansson, A., Mednick, S., Holzman, P.S., and Nakayama, K. (1999). Attentional requirements for smooth pursuit. *Investigative Ophthalmology and Visual Science*, 40(4), s381.
44. Intriligator, J., Kiriakopoulos, E.T., Baker, J.T., and Barton, J.J.S. (1999). fMRI responses to optic flow and random motion in the human V5 complex. *Investigative Ophthalmology and Visual Science*, 40(4), s818.
45. Barton, J.J.S., Keenan, J.P., and Intriligator, J. (1999). Perception of facial features and spatial relations in prosopagnosia. *Neurology*, 52(6), A22-A23.

46. Intriligator, J., Barton, J.J.S., Pascual-Leone, A., Kiriakopoulos, E.T., and Intriligator, K. (1999). Mapping brain imaging coordinates to real-world locations for electrophysiology. Presentation at the *American Academy of Neurology Annual Meeting*. April 17-24, 1999, Toronto, Canada.
47. Kiriakopoulos, E.T., Intriligator, J., Pascual-Leone, A., Barton, J.J.S. (1999). Comparison of fMRI and TMS localization of human area V5. *Investigative Ophthalmology and Visual Science*, 40(4), s818.
48. Kiriakopoulos, E.T., Intriligator, J., Pascual-Leone, A., Barton, J.J.S. (1999). TMS and fMRI localization of human motion perception areas. Presentation at the *American Academy of Neurology Annual Meeting*. April 17-24, 1999, Toronto, Canada.
49. Holcombe, A.O., Tse, P., Macknik, S., Seiffert, A.E., and Intriligator, J. (1998). Wakes: A new motion-induced brightness illusion. *Investigative Ophthalmology and Visual Science*, 39(4), s671.
50. Intriligator, J., He, S., and Barton, J. (1998). Detection of object-change is more accurate in the lower visual field. *Investigative Ophthalmology and Visual Science*, 39(4), s852.
51. Rivest, J., Intriligator, J., Suzuki, S., and Warner, J. (1998). A shape distortion effect that is size invariant. *Investigative Ophthalmology and Visual Science*, 39(4), s853.
52. He, S., Intriligator, J., Verstraten, F.A.J., and Cavanagh, P. (1998). A slow mechanism for phase discrimination of both luminance and color flicker. *Investigative Ophth. and Visual Science*, 39(4), s1110.
53. zooz (Intriligator, J. and Reynolds, B.) (1998). Transversal Power: From molecules, to Jesus, to the Grateful Dead, and beyond. Presentation at *Harvard University Manifestos Conference*. May 8-10, 1998, Boston, MA.
54. Chen, Y., McPeck, R.M., Intriligator, J., Holzman, P.S., and Nakayama, K. (1997). Smooth pursuit to a movement flow and associated perceptual judgments. Presentation at the *Ninth European Conference on Eye Movements*. September 23-26, 1997, Ulm, Germany.
55. Culham J., Cavanagh P., Kanwisher N., Intriligator J., Nakayama K., Varying attentional load produces different FMRI task response functions in occipitoparietal cortex and frontal eye fields. *27th Annual Meeting of the Society for Neuroscience*, October 25-30, 1997. New Orleans, Louisiana, USA,. Society for Neuroscience Abstracts 23(1-2). 1997. 1119.
56. He, S., Cavanagh, P. and Intriligator, J. (1997). Visual enumeration without eye movements. Presentation at the *Thirty-Eighth Annual Meeting of the Psychonomic Society*. November 20-23, 1997, Philadelphia.
57. Intriligator, J. and Cavanagh, P. (1997). Individuation and the resolution of attention. *Investigative Ophthalmology and Visual Science*, 38(4), s689.
58. Rivest, J., Intriligator, J., Warner, J., and Suzuki, S. (1997). Color and luminance combine at a common neural site for shape distortions. *Investigative Ophthalmology and Visual Science*, 38(4), s1000.
59. Tse, P., Intriligator, J., Cavanagh, P., and Rivest, J. (1997). Attention distorts the perception of time. *Investigative Ophthalmology and Visual Science*, 38(4), s1151.
60. Michel, F., Hénaff, M.A., and Intriligator, J. (1997). Visual abilities after a left-parietal lesion. Presentation at the *Cognitive Neuroscience Society Fourth Annual Meeting*. March 26-28, 1997, Boston.
61. Boutet, I., Rivest, J., and Intriligator, J. (1996). The role of attention on motion, color, and luminance aftereffects. *Investigative Ophthalmology and Visual Science*, 37(3), s528.
62. Cavanagh, P. and Intriligator, J. (1996). The resolution of attention. Presentation at the *Thirty-Seventh Annual Meeting of the Psychonomic Society*. November 20-23, 1996, Chicago.
63. Michel, F., Hénaff, M.A., and Intriligator, J. (1996) Two readers in the same brain, one for each visual field, after a posterior callosal lesion. Presentation at the *Fourteenth European Workshop on Cognitive Neuropsychology*. January 21-26, 1996, Bressanone, Italy.
64. Rivest, J., Mitchell, T., and Intriligator, J. (1996). Perceptual learning in the visual and auditory systems with and without attention. *Investigative Ophthalmology and Visual Science*, 37(3), s180.
65. Verstraten, F.A.J., and Intriligator, J. (1996). Asymmetries in brightness and darkness for assimilation and simultaneous contrast. Presentation at the *Nineteenth European Conference on Visual Perception*. September 9-13, 1996, Strasbourg, France.
66. Boutet, I., Intriligator, J., and Rivest, J. (1995). The influence of attention on visual learning. *Investigative Ophthalmology and Visual Science*, 36(4), s375.
67. Boutet, I., Intriligator, J., and Rivest, J. (1995). The influence of attention on visual learning. Presentation at the *International Conference on Visual Coding*. York University, Toronto, Ontario.
68. Boutet, I., Rivest, J., and Intriligator, J. (1995). La discrimination de l'orientation à travers différents attributs. *Société Québécoise de recherche en psychologie, XVIIIème congrès*, Québec.
69. Hénaff, M.A., Intriligator, J., and Michel, F. (1995). Color blindness versus color blindsight: two cases of central achromatopsia. Presentation at the *Conference on Cerebral Cortex Function and Development*. May 10-13, 1995, Lyon, France.

70. Intriligator, J., Hénaff, M. A., and Michel, F. (1995). A patient suffering from damage to the posterior portion of the corpus callosum can name items in both visual fields but cannot report whether they are the same or different. *Investigative Ophthalmology and Visual Science*, 36(4), s470.
71. Michel, F., Hénaff, M.A., and Intriligator, J. (1995). Two readers in the same brain, one for each visual field, after posterior callosal lesion. Presentation at *Cognitive Neuroscience Society Meeting*. Mar 26-28, 1995, San Francisco.
72. Rivest, J., Boutet, I., and Intriligator, J. (1995). Perceptual learning of orientation discrimination across attributes. *Investigative Ophthalmology and Visual Science*, 36(4), s376.
73. Rivest, J., Boutet, I., and Intriligator, J. (1995). Perceptual learning of orientation discrimination across attributes. *International Conference on Visual Coding*. York University, Toronto, Ontario.
74. Intriligator, J. and Cavanagh, P. (1994). An asymmetrical attentional facilitation around moving objects. *Investigative Ophthalmology and Visual Science*, 35(4), 1623.
75. Intriligator, J. and Cavanagh, P. (1992). An object-specific attentional facilitation that does not spread to adjacent spatial locations. *Investigative Ophthalmology and Visual Science*, 33(4), 1263.
76. Intriligator, J., Nakayama, K., and Cavanagh, P. (1991). Attentive tracking of multiple moving objects at different scales. *Investigative Ophthalmology and Visual Science*, 32(4), 1040.
77. Intriligator, J.M. and Polich, J. (1991). EEG and the P300 event-related potential. *Psychophysiology*, 29, S66. Society for Psychophysiological Research, Chicago.

INVITED PRESENTATIONS (Selected highlights)

University California Irvine: Transversal Design Masterclass, Feb 2021
Scratch-Marketing Consumer Psychology Masterclass, July 2019
Google Advanced Machine Learning Class, April 2019
Design Thinking Conference, November 2018. Invited speaker: "Design Thinking Masterclass"
Aldi, November 2015. Invited speaker: "The Aldi Store of the Future"
Unilever, November 2015. Invited speaker: "The Psychology of Convenience" & "Emotions and Advertising"
United Biscuits, Sept 2015. Invited speaker: "Behavioural Econ., Consumer Psychology and Behaviour Change"
Unilever, July 2015. Invited speaker: "Behaviour Change: Innovations in Drinks"
Bangor University Design Conference, Keynote Presentation, June 2015, "The Psychology of Design"
Bangor Teaching Conference, Keynote Presentation, April 2015, "Technology and Teaching Innovation"
Unilever, March 2015. Invited speaker: "Laundry: Premium-washing"
Mash Strategy, Feb 2015. Invited speaker: "Brand Love: Psychological Perspectives"
BETT (TechEd Conference), Jan 2015. Invited speaker: "Using technology to improve pedagogy in education".
Unilever, Keynote Presentation, December 2014: "The Psychology of Luxury and Premium Consumers"
LEAD Wales, Keynote Presentation, November 2014: "Consumer Psychology and SMEs"
Social Enterprises Conference, Wales. October 2014: "Consumer Psychology and Social Enterprises"
Digital Marketing Summit, 2014: "Psychology of the digital consumer"
Bangor University, 2013: "Innovation, Creation, and Idea Generation" – Young Enterprise workshop
Bangor University, 2013: invited university-wide presentation on excellence in teaching. Title: "Out with the old, in with the YOU – putting students at the heart of education".
University of Utrecht, 2012: "Transversal Theatre, Education, Evolution, and Pathways of Change."
HSBC, 2011: "Behaviour Change in the Workplace."
Bangor Alumni Event, 2011: Keynote: "Consumer Psychology in the Marketplace and Workplace".
Bangor University Student Event, 2011: "The Psychology of Enterprise".
Bangor Knowledge Transfer Event, 2010: Keynote: "Putting Psychology to work...At work!".
United Biscuits, 2010: "Digital Sign Networks within a Corporate Environment", London, England.
Santander, 2009: "The Psychology of Banking, Incentives, and Trust", Spain.
Marketing Week, 2006: "The Science of Shopping", London, England.
Mars-Masterfoods, 2006: "Neuromarketing".
Millward Brown, 2005: "The Neuroscience of Advertising", Warwick, England.
National Trust, 2005: "Retailing and the National Trust Brand".
Pixel Inspirations, 2005: "Digital Sign Networks: Technology and Psychology", Chester, England.
Pira International, 2005: "The Psychology of Pack Design", Nice, France.
Millward Brown, 2004: "Psychology and Market Research", Warwick, England.

PhD Students Supervised

2021: Dynamic Information Needs Analysis in Subterranean Spaces (Farakh Zamen)
2017 (ABD): Nudges and gamification in sustainable energy use (Chris Hillier)
2016 (ABD): Consuming Nature: Consumer psychology in natural environments (Rob Laing)
2012: The use of digital signs in retail and corporate environments (Gareth Harvey)
2011: When meaning matters?: The impact of meaning on time-perception, inhibitory-control and decision making (Nicholas Peatfield)
2009: Measuring implicit attitudes towards pictures (Felicity Greenwell)

Masters Thesis Supervision (selected)

2015: *Brand Logo Visual Strength: Brand Recognition in Noise* (Joe Marshall)
2015: *Metacognition and Digital Learning* (Duncan Shillan and Christopher Wilkins)
2014: *Corporate Sponsorship and Automotive Marketing* (Andrew Coombs and Tom Wall)
2014: *Brand Extensions and Product Extensions* (Helena Stacey)
2014: *Personal Connections to Mobiles Phones* (Jackson Liew)
2013: *Social media, message framing, and enterprise education* (Muir)
2013: *Gamification of enterprise education* (Gudgeon)
2013: *Cosmetics and Brands: Implicit and explicit measures* (Schween)
2013: *Ambient information, priming, and workplace satisfaction* (Morgan)
2013: *Social enterprise branding: The case of Antur Waunfawr* (Forster)

2913: *Social Enterprises, Intellectual Disabilities, and Market Research* (Harries)
2012: *Umbrella brands: Corporate branding and meaning* (Gherardi)
2012: *Ambient priming and shopping behaviours* (Michaut w/Cadbury)
2012: *Aroma priming and chocolate purchases* (Shenton w/Cadbury)
2011: *Tone of voice as a moderator of brand-personality updating* (Manso De Valle)
2011: *Effects of positive-thinking intervention on school children well-being* (Hore)
2011: *The influence of pictorial nature in the workplace* (Christodoulakis)
2010: *Resistance to evaluative conditioning as a measure of brand loyalty* (Reisinger)
2010: *Impact of Advertising Repetition and Scheduling* (Dazeley)
2010: *The effects of craving and gender on a go/nogo task* (Amphlett)
2010: *The effects of digital display networks on mood* (Hanly)
2010: *The effectiveness of DSNs for positive mood induction* (Walker)
2009: *Consumer desire and reward value: effects on inhibitory control* (Clarke)
2009: *Lead us into temptation: shopping order effect* (Solomon)
2009: *State dependent functionality and inhibitory control* (Loveday)
2009: *Brand loyalty and the subjective expansion of time* (McCarron)
2009: *Brand loyalty and performance in the Iowa Gambling Task* (Bradshaw)
2009: *Influence of brand loyalty on the subjective expansion of time* (Blissett)
2008: *Globalisation: Effects of language on consumer evaluations* (Chiao-Yin Wen)
2008: *The success and failure of demarketing strategies for drug campaigns* (Davies)
2008: *Motivating healthy behaviour: Identifying message content* (McKenzie)
2008: *Motivating help seeking behaviour* (Toli)
2007: *Brand Loyalty and the Iowa Gambling Task* (Peatfield)
2006: *Attitudes of library users and non-users in Wales* (Hall)
2006: *Faces on e-commerce websites: Implicit and explicit trust* (McCartan)
2005: *Country of origin effects on consumer attitude and beliefs* (McNamara)
2005: *Visual working memory capacity: Greater for familiar brands?* (Guest)