

Molly J. Henry ♦ **Curriculum Vita**
Ryerson University ♦ Toronto, Canada
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Max Planck Institute for Empirical Aesthetics ♦ Frankfurt am Main, Germany
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ACADEMIC EMPLOYMENT

- 2021— **Assistant Professor**, Department of Psychology
Ryerson University
Toronto, Ontario, Canada
- 2019— **Max Planck Group Leader**, Max Planck Research Group “Neural and Environmental Rhythms”
Max Planck Institute for Empirical Aesthetics
Frankfurt am Main, Germany
- 2018 **Postdoctoral associate**, Brain and Mind Institute, Department of Psychology,
University of Western Ontario
London, Ontario, Canada
- 2015–2017 **Postdoctoral fellow**, Brain and Mind Institute, Department of Psychology,
University of Western Ontario
London, Ontario, Canada
- 2011–2014 **Postdoctoral researcher**, Max Planck Research Group “Auditory Cognition”,
Max Planck Institute for Human Cognitive and Brain Sciences
Leipzig, Germany
- 2005–2011 **Graduate student**, Bowling Green State University
Bowling Green, OH, USA

EDUCATION

- 2011 **PhD**, Experimental psychology, Bowling Green State University
Thesis: *A test of an auditory motion hypothesis for continuous and discrete sounds moving in pitch space*
- 2007 **MA**, Experimental psychology, Bowling Green State University
Thesis: *On the role of imputed velocity in the auditory kappa effect*
- 2004 **BS**, Psychology, Wright State University
summa cum laude

RESEARCH EXPERIENCE

- 04/2018 **Visiting postdoc**, Donders Center for Cognitive Neuroimaging
Nijmegen, Netherlands
- 04–06/2017 **Visiting postdoc**, Donders Center for Cognitive Neuroimaging
Nijmegen, Netherlands
- 2009–2011 **Visiting scholar**, Michigan State University
East Lansing, MI, USA
- 06–07/2008 **Visiting scientist**, MRC Cognition and Brain Sciences Unit
Cambridge, UK

RESEARCH GRANTS

- 2019–2024 **Brain–environment synchronization and the auditory perception problem**
European Research Council Starting Grant
Investigator: Henry (PI)
€1,500,000 EUR
- 2019–2024 **Max Planck Research Group “Neural and Environmental Rhythms”**
Max Planck Society, Germany
Investigator: Henry (PI)
€1,500,000 EUR
- 2019–2020 **Validating methods for using noninvasive brain stimulation to influence auditory perception**
BrainsCAN Accelerator Grant
Investigators: Grahn (co-PI), Butler (co-I), Joannisse (co-I), Everling (co-I)
\$91,980 CAD
- 2016 **The causal role of neuronal oscillations in beat perception as revealed by noninvasive brain stimulation**
University of Western Ontario, *New International Research Networks*
Investigators: Grahn (co-PI), Herrmann (co-PI), Henry (co-I)
\$5000 CAD
- Neural dynamics of establishing a stable beat percept**
Donders Institute – Brain and Mind Institute (DI–BMI) Trainee Exchange grant
Investigators: Henry (trainee), Grahn (BMI), de Lange (DI), Praamstra (DI)
€ 6340 EUR
- 2015 **The role of social context in intersubject synchronization between audience members during musical performance**
LIVELab seed grant
Investigators: Henry (PI), Cameron (co-PI), Grahn (co-I)
\$11,400 CAD

HONORS, AWARDS, AND FELLOWSHIPS

- 2017 **International Conference on Auditory Cortex (ICAC) Travel Award** (\$500 CAD)
International Conference on Auditory Cortex (ICAC)
- 2016 **2016 APS Rising Star Award**
Association for Psychological Science
- 2016 **Advances and Perspectives in Auditory Neuroscience (APAN) Travel Award** (\$500 USD)
Advances and Perspectives in Auditory Neuroscience (APAN)
- 2015 **Western Cognitive Neuroscience Postdoctoral Fellowship**
University of Western Ontario
- 2009–2010 **University Dissertation Fellowship**
Bowling Green State University
- 2008 **ICMPC10 Young Researcher Award, Honorable Mention**
International Conference for Music Perception and Cognition
- 2008 **Society for Education, Music and Psychology Research (SEMPRE) Travel Award**
International Conference for Music Perception and Cognition
- 2008–2009 **J. P. Scott Center for Neuroscience, Mind, and Behavior Fellowship**
Bowling Green State University
- 2007–2008 **J. P. Scott Center for Neuroscience, Mind, and Behavior Fellowship**
Bowling Green State University
- 2007 **Charles E. Shanklin Award for Research Excellence**
Bowling Green State University
- 2007 **Outstanding Graduate Student Award**
Bowling Green State University
- 2007 **Graduate Teaching Assistant Award**
Bowling Green State University

PROFESSIONAL ACTIVITIES

ORGANIZATION OF SCIENTIFIC MEETINGS

- 2018–2020 **APAN Program Committee**
Advances and Perspectives in Auditory Neuroscience (APAN)
- 2017 **Neural Entrainment and Rhythm Dynamics (NERD)**
Boston, MA, USA

THESIS DEFENSE COMMITTEES

- 2021— Sean Gilmore (PhD)
Ryerson University
Supervisor: Frank Russo
- 2021–2022 Jasmin Pfeifer (PhD)
Universiteit van Amsterdam
Supervisor: Silke Hamann
- 2019 Soheila Samiee (PhD)
Montreal Neurological Institute, McGill University
Supervisor: Sylvain Baillet
- 2018–2019 Paige Hickey (MA)
Tufts University
Supervisor: Elizabeth Race

COMMITTEE MEMBERSHIP AND SERVICE

- 2021— **Ombudsperson**
Max Planck Institute for Empirical Aesthetics
- 2019 **Selection Committee**
INHABIT Artist-in-Residence program, Max Planck Institute for Empirical Aesthetics
- 2016 **Architect and reviewer, Brain and Mind Institute Collaborative Postdoc Grants**
The University of Western Ontario
- 2015 **Brain and Mind Institute Career Workshop planning committee**
The University of Western Ontario
- 2010 **Post-doctoral search committee**
Michigan State University
- 2007–2010 **President and founder, Graduate Students for the Interdisciplinary Study of Neural and Cognitive Sciences**
Bowling Green State University
- 2008 **Brain Awareness Day planning committee**
Bowling Green State University
- 2007 **Graduate Student Enhancement Program invited speaker, “Survival Tips for the Teaching Assistant”**
Bowling Green State University
- 2006 **Graduate Student Enhancement Program development leader**
Bowling Green State University

EDITORIAL RESPONSIBILITIES

- 2020— **Associate Editor**
The Journal of Neuroscience

AD-HOC REVIEWING ◊ GRANTS

Brain and Mind Institute Collaborative Postdoc Grants; National Science Foundation, Cognitive Neuroscience Program (USA); National Science Center (Poland); Fondation Pour L’audition (France); German Science Foundation (DFG, Germany)

AD-HOC REVIEWING ◊ JOURNAL ARTICLES

Acta Psychologica; Attention, Perception, & Psychophysics; Auditory Perception & Cognition; Brain and Cognition; Brain Research; Brain Topography; Cerebral Cortex; Clinical Neurophysiology; Cognition; Cortex; eLife; eNeuro; European Journal of Neuroscience; Experimental Brain Research; Human Brain Mapping; International Journal of Psychophysiology; Journal of Cognitive Neuroscience; Journal of Cognitive Psychology; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Human Perception & Performance; Journal of Experimental Psychology: Learning, Memory, and Cognition; Journal of Neurophysiology; Journal of the Acoustical Society of America: Express Letters; International Journal of Psychology; Language, Cognition, & Neuroscience; Music Perception; Music & Science; Nature Communications; Neurobiology of Aging; Neurocase; NeuroImage; Neuropsychologia; Neuroscience; PLOS One; Psychological Research; Psychomusicology; Psychophysiology; Science Advances; Scientific Reports; The Journal of Neuroscience; Timing & Time Perception; Trends in Cognitive Science

AD-HOC REVIEWING ◊ CONFERENCE SUBMISSIONS

International Conference of Students of Systematic Musicology (SysMus2015); Society for Music Perception and Cognition (SMPC2017)

PROFESSIONAL ORGANIZATIONS

International Society for Behavioral Neuroscience (2017–present); Psychonomic Society (2016–present); American Psychological Society (2015–present); Society for Neuroscience (2012–present); Cognitive Neuroscience Society (2011–present); Acoustical Society of America (2009–2011); Women in Cognitive Science (2008–2011); American Psychological Association (2008–2011); Association for Psychological Science (2007–2011); Society of Music Perception and Cognition (2007–2011); American Association for the Advancement of Science (2006–2008); National Society for Collegiate Scholars (2003–2004)

TEACHING EXPERIENCE

COURSES

PSY102	Introduction to Psychology <i>Ryerson University</i>
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MODULES

6/2019– 2/2021	Mathematical modeling of rhythmic behavior <i>Max Planck Institute for Empirical Aesthetics</i>
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WORKSHOPS

2019	Experimental methods for the study of synchrony and rhythm Synchrony and Rhythmic Interaction: From Neurons to Ecology, Leiden, NL
2017, 2018	Frequency tagging (steady-state analysis) in EEG CuttingEEG Cutting-edge methods for MEEG research, Glasgow, UK (2017), Paris, FRA (2018)
2018	Neural dynamics of auditory rhythm perception Montreal 2018 Summer School, Nonlinear Dynamics in Life Sciences with Applications to Neuroscience and Psychology, McGill University, Montreal, QC, CA
2016	Western's Brain and Mind Institute EEG workshop EEG/ERP Summer workshop, Brain and Mind Institute, University of Western Ontario, London, ON, CA

GUEST LECTURES

2016	Cognitive Neuroscience of Music The University of Western Ontario, London, ON, CA
2015	Scientific Writing The University of Western Ontario, London, ON, CA
2009	Research Methods Bowling Green State University, Bowling Green, OH, USA
2008	Sensation and Perception Bowling Green State University, Bowling Green, OH, USA
2008	Undergraduate Statistics Bowling Green State University, Bowling Green, OH, USA

TUTORING

2009	Graduate Statistics Bowling Green State University, Bowling Green, OH, USA
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TEACHING ASSISTANTSHIPS

2007	Research Methods Bowling Green State University, Bowling Green, OH, USA
2006	Sensation and Perception Bowling Green State University, Bowling Green, OH, USA

(CO-)SUPERVISION

Postdoc	Yuranny Cabral-Calderin (2019—, Max Planck Institute for Empirical Aesthetics), Keyvan Mahjoory (2020—, Max Planck Institute for Empirical Aesthetics), Olivia Xin Wen (2019—, Max Planck Institute for Empirical Aesthetics)
PhD	Tahereh Afghah (2019–2020, Max Planck Institute for Empirical Aesthetics), Ece Kaya (2019—, Max Planck Institute for Empirical Aesthetics), Matthew Moore (2019—, Max Planck Institute for Empirical Aesthetics), Kristin Weineck (2019—, Max Planck Institute for Empirical Aesthetics), Julia Erb (2011–2014, Max Planck Institute for Human Cognitive and Brain Sciences), Antje Strauss (2011–2014, Max Planck Institute for Human Cognitive and Brain Sciences), Anna Wilsch (2011–2014, Max Planck Institute for Human Cognitive and Brain Sciences)
MA/MS	Lea Kërçiku (2021—, Max Planck Institute for Empirical Aesthetics) Minju Kim (2021—, Max Planck Institute for Empirical Aesthetics) Nicole Huizinga (2019–2020, Max Planck Institute for Empirical Aesthetics), Vera Komeyer (2019–2020, Max Planck Institute for Empirical Aesthetics)
BA/BS	Kwesi Asantey (2018, Honors thesis, The University of Western Ontario), Neeraja Dharan (2018; Honors thesis, The University of Western Ontario), Sarah Schwanz (2017, Honors thesis, The University of Western Ontario), Stephanie Reesor (2017, Honors thesis, The University of Western Ontario), Franziska Frei (2016, Max Planck Institute for Human Cognitive and Brain Sciences), Sean Gilmore (2015, Honors thesis, The University of Western Ontario), David Prete (2015, Honors thesis, The University of Western Ontario), Kristina Bauer (2015, Max Planck Institute for Human Cognitive and Brain Sciences), Daniel Hänelt (2014, Max Planck Institute for Human Cognitive and Brain

Sciences, University of Leipzig),
Christoph Daube (2013, Max Planck Institute for Human Cognitive and Brain Sciences)

Other **Liza Merkschat** (2021, Berufsbezogenes Praktikum, Universität Bonn);
Alexander Moros (2013–2014, Besondere Lernleistung (BELL), Wilhelm-Ostwald Gymnasium)

PUBLIC SCIENCE AND MEDIA

- 2017 **Why We Find It Harder to Filter Out Background Noise As We Age**, article on pop science website *LiveScience*
- 2017 **Media interaction related to *Nat. Comms.* publication**: CTV London (television), London Free Press (online print), AM640 Toronto (radio), Canadian Broadcasting Channel International (radio)
- 2016 **I got rhythm: The science of song**, Installment of “The Nature of Things” broadcast by the Canadian Broadcasting Channel (CBC)
- 2015 **We got the beat: Rhythm and music in the brain**, Classes without quizzes, The University of Western Ontario’s free community lecture series
- 2015 **We got the beat: Rhythm and music in the brain**, Senior alumni program, The largest and longest running senior lecture series in Canada
- 2015 **London Brain Fair**, A free public event to celebrate the brain
- 2013 **“Mit Takt zur Sprache”**, Installment of Nano series on neural oscillations broadcast by German public television station 3sat
- 2012 **“Wie Rhythmus die menschliche Hörfähigkeit beeinflusst”**, Deutschlandradio broadcast on neural oscillations
- 2012 **“Hören in Wellen”**, Deutschlandradio Kultur broadcast on neural oscillations
- 2012 **“Rhythmisches Gehirn”**, Deutschlandradio Wissen broadcast on neural oscillations

INVITED TALKS

- 2021 **Peter Lakatos: Contribution to auditory attention**
Peter Lakatos Memorial Symposium (@ APAN)
- 2021 **An individualized approach to understanding neural entrainment to auditory rhythms**
Symposium on Cognitive Auditory Neuroscience (SCAN)
- 2020 **Neural dynamics of auditory rhythm perception** (Job talk)
Ryerson University, Toronto, ON, Canada
- 2020 **Max Planck Research Group “Neural and Environmental Rhythms”**
Scientific Advisory Board Meeting of the Max Planck Institute for Empirical Aesthetics
- 2019 **What is ‘NOW’?**
‘Moonshot’ panel, Timing Research Forum (TRF2), Querétaro, Mexico
- 2019 **Experimental methods for the study of synchrony and rhythm**
Synchrony and Rhythmic Interaction: From Neurons to Ecology, Leiden, Netherlands
- 2018 **Frequency tagging (steady-state analysis) in EEG**
CuttingEEG, Paris, France

- 2018 **Neural dynamics of auditory rhythm perception**
Montreal 2018 Summer School, Nonlinear Dynamics in Life Sciences with Applications to Neuroscience and Psychology, McGill University, Montreal, QC, Canada
- 2018 **Brain–environment synchronization and the auditory perception problem**
European Research Council Starting Grant interview, Brussels, Belgium
- 2018 **Neural synchronization during beat perception and its relation to psychophysical performance**
Auditory EEG Signal Processing (AESoP) symposium, Leuven, Belgium
- 2018 **Neural dynamics of auditory rhythm perception**
Donders Center for Cognitive Neuroimaging, Nijmegen, Netherlands
- 2018 **Brain–environment synchronization and the auditory perception problem**
Max Planck Group Leader Selection Symposium, Berlin, Germany
- 2017 **Neural dynamics of auditory rhythm perception**
Center for Music in the Brain, Aarhus, Denmark
- 2017 **Frequency tagging (steady-state analysis) in EEG**
CuttingEEG, University of Glasgow, Glasgow, Scotland
- 2017 **Neural dynamics of auditory rhythm perception**
University of Lübeck, Lübeck, Germany
- 2016 **Neural and environmental rhythms: Perception is shaped by synchronization of neural oscillations with environmental rhythms**
Michigan State University, East Lansing, MI, USA
- 2016 **The neural dynamics of sensing a beat**
McGill University, Montreal, Quebec, Canada
- 2015 **Neural and environmental rhythms: Perception is shaped by synchronization of neural oscillations with environmental rhythms (Job talk)**
The University of Western Ontario, London, Ontario, Canada
- 2014 **Brain–environment synchronization is less responsive to attentional demands in older listeners**
Centre de Recherche Cerveau & Cognition, Toulouse, France
- 2014 **Human perceptual experience depends on brain–environment synchronization**
Ernst Strüngmann Institute for Neuroscience, Frankfurt, Germany
- 2014 **Human perceptual experience depends on brain–environment synchronization**
Max Planck LeadNet meeting 2014, Mainz, Germany
- 2014 **Neural entrainment as a mechanism for auditory timing**
International Conference on Timing and Temporal Perception, Corfu, Greece
- 2014 **How is human auditory perception linked to neural oscillations?**
University of Leipzig, Leipzig, Germany
- 2014 **How do rhythms in the environment shape human perception via synchronization of brain rhythms? (Job talk)**
Max Planck Group Leader Selection Symposium, Max Planck Institute for Brain Research, Frankfurt, Germany
- 2014 **How is human auditory perception linked to neural oscillations?**
University of Oldenburg, Oldenburg, Germany
- 2013 **The role of entrained low-frequency oscillations in auditory perception**
Psychologie und Gehir, Würzburg, Germany

- 2012 **Towards a “neurophysical” approach to studying hearing loss** (Job talk)
University of Oldenburg, Oldenburg, Germany
- 2012 **Neural entrainment to frequency modulation**
Brain Rhythms and Cortical Computation (BRhyCoCo) V, New York
University, New York, NY, USA
- 2012 **Selective attention to auditory temporal features separates domain-general
from timing-specific functions**
Society for Neuroscience meeting, New Orleans, LA, USA
- 2012 **The right place at the right time: EEG evidence for neural entrainment
underlying effects of rhythmic context on behavior**
Michigan State University, East Lansing, MI, USA
- 2010 **Perceptual interdependence of frequency and time** (Job talk)
Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig,
Germany

LIST OF PUBLICATIONS

CITATION RECORD (as of December 17, 2021)

Number of publications	46
Hirsch index	28
i10 index	38
Number of citations	~2240

PUBLICATIONS IN PEER-REVIEWED JOURNALS

- 2021 Cabral-Calderin, Y. & **Henry, M. J.** (in press). Reliability of neural entrainment in the human auditory system. *The Journal of Neuroscience*.
- Henry, M. J.**, Cook, P. F., de Reus, K., Nityananda, V., Rouse, A. A., & Kotz, S. A. An ecological approach to measuring synchronization abilities across the animal kingdom. *Philosophical Transactions of the Royal Society B*, 376(1835), 20200336.
- Keitel, C., Obleser, J., Jessen, S., & **Henry, M. J.** Frequency-Specific Effects in Infant Electroencephalograms Do Not Require Entrained Neural Oscillations: A Commentary on Köster et al. (2019). *Psychological Science*, 32(6), 966-971.
- Samuels, B., Grahn, J. A., **Henry, M. J.**, & MacDougall-Shackleton. European starlings (*Sturnus vulgaris*) discriminate rhythms by rate, not temporal patterns. *Journal of the Acoustical Society of America*, 149(4), 2546-2558.
- 2019 Chen, J., Sperandio, I., **Henry, M. J.**, & Goodale, M. A. Changing the real viewing distance reveals the temporal evolution of size constancy in visual cortex. *Current Biology*, 29(13), 2237-2243.e4.
- Harding, E. E., Sammler, D.*, **Henry, M. J.***, Large, E., & Kotz, S. Cortical tracking of rhythm in speech and music. *NeuroImage*, 185(15), 96-101.
- Baese-Berk, M. M., Dilley, L. C., **Henry, M. J.**, Vinke, L., & Banzina, E. Not just a function of function words: Distal speech rate affects perception of prosodically weak syllables. *Attention, Perception, & Psychophysics*, 81(2), 571-589.
- 2018 Wilsch, A., **Henry, M. J.**, Herrmann, B., Herrmann, C. S. & Obleser, J. Temporal expectation modulates the cortical dynamics of short-term memory. *The Journal of Neuroscience*, 38, 7428-7439.
- 2017 **Henry, M. J.**, Herrmann, B., Kunke, D., & Obleser, J. Aging affects the balance of neural entrainment and top-down neural modulation in the listening brain. *Nature Communications*, 8, doi:10.1038/ncomms15801.
- Henry, M. J.**, Herrmann, B., & Grahn, J. A. What can we learn about beat perception by comparing brain signals and stimulus envelopes? *PLOS One*, 12, e0172454
- Obleser, J.*, **Henry, M. J.***, & Lakatos, P.* What do we talk about when we talk about rhythm? *PLOS Biology*, 15, e2002794
- Meyer, L., **Henry, M. J.**, Schmuck, N., Gaston, P., & Friederici, A. D. Linguistic bias modulates interpretation of speech via neural delta-band oscillations. *Cerebral Cortex*, 27, 4291-4302
- 2016 **Henry, M. J.**, Herrmann, B., & Obleser, J. Neural microstates govern perception of auditory input without rhythmic structure. *The Journal of Neuroscience*, 36, 860-871.

- Herrmann, B., **Henry, M. J.**, Haegens, S., & Obleser, J. Temporal expectations and neural amplitude fluctuations in auditory cortex interactively influence perception. *NeuroImage*, 124, 487–497.
- Herrmann, B., **Henry, M. J.**, Johnsrude, I. S., & Obleser, J. Altered temporal dynamics of neural adaptation in the aging human auditory cortex. *Neurobiology of Aging*, 45, 10–22.
- Scharinger, M., Bendixen, A., Herrmann, B., **Henry, M. J.**, Mildner, T., & Obleser, J. Predictions interact with missing sensory evidence in semantic processing areas. *Human Brain Mapping*, 37, 704–716.
- 2015 **Henry, M. J.**, Herrmann, B., & Obleser, J. Selective attention to temporal features on nested time scales. *Cerebral Cortex*, 25, 450–459
- Herrmann, B., **Henry, M. J.**, Fromboluti, E. K., McAuley, J. D., & Obleser, J. Statistical context shapes stimulus-specific adaptation in human auditory cortex. *Journal of Neurophysiology*, 113, 2582–2591.
- Scharinger, M., **Henry, M. J.**, & Obleser, J. Acoustic cue selection and discrimination under degradation: Differential contributions of inferior parietal and posterior temporal cortex. *NeuroImage*, 106, 373–381.
- Strauß, A., **Henry, M. J.**, Scharinger, M., & Obleser, J. Alpha phase determines successful lexical decision in noise. *The Journal of Neuroscience*, 35, 3256–3262. [OA]
- Wilsch, A., **Henry, M. J.**, Herrmann, B., Maess, B., Obleser, J. Alpha oscillatory dynamics index temporal expectation benefits in working memory. *Cerebral Cortex*, 25, 1938–1946. doi: 10.1093/cercor/bhu004.
- Wilsch, A., **Henry, M. J.**, Herrmann, B., Maess, B., & Obleser, J. Slow-delta phase concentration marks improved temporal expectations based on the passage of time. *Psychophysiology*, 52, 910–918.
- 2014 **Henry, M. J.**, Herrmann, B., & Obleser, J. Entrained neural oscillations in multiple frequency bands comodulate behavior. *Proceedings of the National Academy of Sciences, USA*, 111(41), 14935–14940.
- Henry, M. J.** & Herrmann, B. Low-frequency neural oscillations support dynamic attending in temporal context. *Timing and Time Perception*, 2, 62–86.
- Herrmann, B., **Henry, M. J.**, Scharinger, M., & Obleser, J. Supplementary motor area activations predict individual differences in temporal-change sensitivity and its illusory distortions. *NeuroImage*, 101, 370–379.
- Scharinger, M., **Henry, M. J.**, Erb, J., Meyer, L. & Obleser, J. Thalamic and parietal brain morphology predicts auditory category learning. *Neuropsychologia*, 53, 75–83.
- 2013 **Henry, M. J.** & Obleser, J. Dissociable neural response signatures for slow amplitude and frequency modulation in human auditory cortex. *PLOS One*, 8(10), e78758.
- Henry, M. J.** & McAuley, J. D. Perceptual distortions in pitch and time reveal active prediction and support for an auditory pitch-motion hypothesis. *PLOS One*, 8(8), e70646.
- Henry, M. J.** & McAuley, J. D. Failure to apply signal detection theory to the Montreal Battery of Evaluation of Amusia may misdiagnose amusia. *Music Perception*, 30(5), 480–496.
- Herrmann, B., **Henry, M. J.**, Grigutsch, M., & Obleser, J. Oscillatory phase precision in neural entrainment underpins illusory percepts of time. *The Journal of Neuroscience*. 33(40), 15799–15809.

- Herrmann, B., **Henry, M. J.**, Scharinger, M., & Obleser, J. Auditory filter width affects response magnitude but not frequency specificity in auditory cortex. *Hearing Research*, 304, 128–136.
- Herrmann, B., **Henry, M. J.**, & Obleser, J. Frequency-specific adaptation in human auditory cortex depends on the spectral variance in the acoustic stimulation. *Journal of Neurophysiology*, 109(8), 2086–2096.
- Erb, J., **Henry, M. J.**, Eisner, F., & Obleser, J. The brain dynamics of rapid perceptual adaptation to adverse listening conditions. *The Journal of Neuroscience*, 33(26), 10688–10697.
- Scharinger, M., **Henry, M. J.**, & Obleser, J. Negatively correlated spectral features promote information integration during auditory category learning. *Memory & Cognition*.
- 2012 **Henry, M. J.** & Obleser, J. Frequency modulation entrains slow neural oscillations and optimizes human listening behavior. *Proceedings of the National Academy of Sciences USA*, 109(49), 20095–20100.
- Henry, M. J.*** & Herrmann, B.* A precluding role of low-frequency oscillations for auditory perception in a continuous processing mode (Journal Club). *The Journal of Neuroscience*, 32(49), 17525–17527.
- Erb, J., **Henry, M. J.**, Eisner, F., & Obleser, J. Auditory skills and brain morphology predict individual differences in adaptation to degraded speech. *Neuropsychologia*, 50(9), 2154–2164.
- McAuley, J. D., **Henry, M. J.**, & Tkach, J. Tempo mediates the involvement of motor areas in beat perception. *Annals of the New York Academy of Sciences*, 1252, 77-84.
- McAuley, J. D., **Henry, M. J.**, Wedd, A. Pleskac, T. J., & Cesario, J. Effects of musicality and motivational orientation on auditory perceptual category learning: A test of a regulatory fit hypothesis. *Memory and Cognition*, 40(2), 231-251.
- Obleser, J., Herrmann, B., & **Henry, M. J.** Neural oscillations in speech: Don't be enslaved by the envelope. *Frontiers in Human Neuroscience*, 6, 10.3389/fnhum.2012.00250.
- 2011 **Henry, M. J.** & McAuley, J. D. Velocity perception for sounds moving in frequency space. *Attention, Perception, & Psychophysics*, 73(1), 172-188.
- McAuley, J. D., **Henry, M. J.**, & Tuft, S. Musician advantages in music perception: An issue of motivation, not just ability. *Music Perception*, 28(5), 505-518.
- Grahn, J. A., **Henry, M. J.**, & McAuley, J. D. fMRI investigation of cross-modal interactions in rhythm perception: Audition primes vision, but not vice versa. *NeuroImage*, 54(2), 1231-1243.
- 2010 **Henry, M. J.** & McAuley, J. D. On the prevalence of congenital amusia. *Music Perception*, 27(5), 413-418.
- McAuley, J. D. & **Henry, M. J.** Visual rhythms do not receive automatic auditory encoding. *Attention, Perception, & Psychophysics*, 72, 1377-1389.
- 2009 **Henry, M. J.** & McAuley, J. D. Evaluation of an imputed pitch velocity model of the auditory kappa effect. *Journal of Experimental Psychology: Human Perception and Performance*, 35(2), 551-564.
- Henry, M. J.**, McAuley, J. D., & Zaleha, M. F. Evaluation of an imputed pitch velocity model of the auditory tau effect. *Attention, Perception, & Psychophysics*, 71(6), 1399-1413.

*Authors contributed equally to the work.

BOOK CHAPTERS

- 2017 **Henry, M. J.** & Grahn, J. A. Music, brain, and movement: Time, beat, and rhythm. In *The Routledge Companion to Music Cognition*, Richard Ashley and Renee Timmers (Eds.).

REFEREED CONFERENCE PAPERS

- 2008 **Henry, M. J.** & McAuley, J. D. Perceived 'closeness' in pitch depends in part on perceived 'closeness' in time: Further support for an auditory motion hypothesis. *Proceedings of the 10th International Conference of Music Perception and Cognition*.

PUBLISHED ABSTRACTS

- 2021 Cabral-Calderin Y. & **Henry M. J.** *Modulating auditory perception using individualized tACS protocols*. Program number P447.07 Neuroscience Meeting Planner. Online: Society for Neuroscience, 2021, Online.
- Kaya, E & **Henry, M. J.** (2021) *Individual differences in rhythmic entrainment and performance in temporal contexts requiring rapid adaptation*. Poster presentation at the 16th International Conference on Music Perception and Cognition (ICMPC), online.
- Wen, O. X., Weineck, K., & **Henry, M. J.** *Consistency and diversity in preferred rate across sound categories*. Oral presentation at the 16th International Conference on Music Perception and Cognition (ICMPC), online.
- 2019 **Henry, M. J.** Cameron, D. J., Swarbrick, D., Bosnyak, D., Trainor, L. & Grahn, J. A. *Hyper EEG scanning of audience members reveals social neural networks during listening to live music*. Oral presentation at the Society of Music Perception and Cognition (SMPC) in New York City, NY, USA.
- 2018 **Henry, M. J.** Cameron, D. J., Swarbrick, D., Bosnyak, D., Trainor, L. & Grahn, J. A. *Live music increases intersubject synchronization of audience members' brain rhythms*. Oral presentation (invited symposium) at the Cognitive Neuroscience Society meeting in Boston, MA.
- Hove, M. J., Habibi, A., **Henry, M. J.**, Stelzer, J., & Cahn, B. R. *Neural correlates of rhythm induced trance: Evidence from fMRI and EEG*. Poster presentation at the Cognitive Neuroscience Society meeting in Boston, MA.
- 2017 **Henry, M. J.**, Cameron, D. J., Swarbrick, D., Bosnyak, D., Trainor, L. & Grahn, J. A. (2017). *Live music increases intersubject synchronization of audience members' brain rhythms*. Program number 256.09 Neuroscience Meeting Planner. Washington DC, USA: Society for Neuroscience, 2017, Online.
- 2016 **Henry, M. J.** & Grahn, J. A. (2016). *Neural entrainment during beat perception and its relation to psychophysical performance*. Program number 85.25 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2016, Online.
- Henry, M. J.** & Grahn, J. A. (2016). *Neural entrainment during beat perception and its relation to psychophysical performance*. *Proceedings of the 14th International Conference of Music Perception and Cognition*.
- 2015 **Henry, M. J.** & Grahn, J. A. (2015). *Metrical structure makes discriminating pitch (and intensity) targets more difficult*. Program number 439.09 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2015, Online.

Wilsch, A., **Henry, M. J.**, Herrmann, B., & Obleser, J. (2015). Cortical patterns of alpha power in auditory sensory memory. Program number 527.09 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2015, Online.

Herrmann, B., Obleser, J., **Henry, M. J.**, & Johnsrude, I. S. (2015). Neural adaptation depends on temporal context in younger and older listeners. Program number 466.05 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2015, Online.

Obermeier, C., Schwartze, M., **Henry, M. J.**, & Kotz, S. A. (2015). Differentiating rhythm and temporal orienting during subjective rhythmization using auditory alpha power. Program number 439.11 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2015, Online.

2014 **Henry, M. J.**, Herrmann, B., & Obleser, J. (2014). *Neural entrainment is less responsive to attentional demands in older listeners*. Program number 622.05. 2014 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2014. Online.

Henry, M. J., Herrmann, B., & Obleser, J. (2014). *Neural entrainment is less responsive to attentional demands in older listeners*. Proceedings of the 5th International Conference on Auditory Cortex: Towards a synthesis of human and animal research. Magdeburg, Germany.

Henry, M. J., Herrmann, B., & Obleser, J. *Neural entrainment as a mechanism for auditory timing*. In Kotz, S. A., Penhune, V. Henry, M. J., Large, E., Grahn, J., & Dalla Bella. S. Procedia – Social and Behavioral Sciences, 126, 24–26.

Henry, M. J., Herrmann, B., & Obleser, J. *Slow acoustic fluctuations entrain low-frequency neural oscillations and determine psychoacoustic performance*. Poster presentation at the Cognitive Neuroscience Society meeting in Boston, MA.

Herrmann, B., **Henry, M. J.**, Haegens, S., & Obleser, J. (2014). Neural amplitude fluctuations in multiple frequency bands predict auditory perception in a rhythmically variable context. Program number 622.18. 2014 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2014. Online.

Herrmann, B., **Henry, M. J.**, Haegens, S., & Obleser, J. (2014). Neural amplitude fluctuations in multiple frequency bands predict auditory perception in a rhythmically variable context. Proceedings of the 5th International Conference on Auditory Cortex: Towards a synthesis of human and animal research. Magdeburg, Germany.

Herrmann, B., **Henry, M. J.**, Scharinger, M., & Obleser, J. Hemodynamic signatures of (mis-)perceiving temporal change. Poster presentation at the Cognitive Neuroscience Society meeting in Boston, MA.

Wilsch, A., **Henry, M. J.**, Herrmann, B., Maess, B., & Obleser, J. Low-delta phase coherence reflects implicit temporal anticipation for supra-threshold stimuli. Program number 622.06. 2014 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2014. Online.

Wilsch, A., **Henry, M. J.**, Herrmann, B., & Obleser, J. Temporal predictability attenuates decay in sensory memory. Poster presentation at the Cognitive Neuroscience Society meeting in Boston, MA.

2013 **Henry, M. J.**, Herrmann, B. & Obleser, J. *Pre-stimulus phase affects auditory perception during continuous-mode processing*. Program number 637.03. 2013 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2013. Online.

Herrmann, B., **Henry, M. J.**, Grigutsch, M., Scharinger, M., & Obleser, J. *Neural oscillatory dynamics and hemodynamic responses reveal distinct mechanisms underlying perception of time*. Program number 637.20. 2013 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2013. Online.

Daube, C., **Henry, M. J.**, & Obleser, J. *(De-)Constructing the ERP: Phasic excitability changes measured by psychophysics*. Program number 637.01. 2013 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2013. Online.

Erb, J., **Henry, M. J.**, & Obleser, J. *Auditory envelope processing shifts from sensory cortices towards cognitive control systems with age*. Program number 848.20. 2013 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2013. Online.

Wilsch, A., **Henry, M. J.**, Herrmann, B., Maess, B., & Obleser, J. *Alpha oscillations vary with temporal predictions counteracting working memory demands*. Poster presentation at the Cognitive Neuroscience Society meeting in San Francisco, CA.

Scharinger, M., **Henry, M. J.**, Gunter, T., & Obleser, J. *The role of oscillatory dynamics for the fronto-parietal attention network in auditory categorization*. Poster presentation at the Cognitive Neuroscience Society meeting in San Francisco, CA.

2012 **Henry, M. J.** & Obleser, J. *Selective attention to auditory temporal features separates domain-general from timing-specific functions*. Program No. 321.11. 2012 Neuroscience Meeting Planner. New Orleans, LA: Society for Neuroscience, 2012. Online.

Henry, M. J. & Obleser, J. *Slow frequency modulation entrains neural delta oscillations and determines human listening behavior*. Program No. 368.21. 2012 Neuroscience Meeting Planner. New Orleans, LA: Society for Neuroscience, 2012. Online.

Henry, M. J., Ahissar, A., & Obleser, J. *Judging different temporal features of sounds drives separable neural timing networks*. Poster presentation at the Cognitive Neuroscience Society meeting in Chicago, IL.

Scharinger, M., **Henry, M. J.**, Erb, J., & Obleser, J. *Cortical dynamics and subcortical morphology predict rapid adaptation to changing spectro-temporal cues*. Program No. 368.10. 2012 Neuroscience Meeting Planner. New Orleans, LA: Society for Neuroscience, 2012. Online.

Erb, J., **Henry, M. J.**, Eisner, F., & Obleser, J. *Perceptual adaptation to degraded speech: Tuning in cortical and subcortical brain structures*. Program No. 368.14. 2012 Neuroscience Meeting Planner. New Orleans, LA: Society for Neuroscience, 2012. Online.

Erb, J., **Henry, M. J.**, Eisner, F., & Obleser, J. *Auditory non-speech skills predict individual differences in adaptation to degraded speech*. Poster presentation at the Cognitive Neuroscience Society meeting in Chicago, IL.

Wilsch, A., **Henry, M. J.**, Maess, B., & Obleser, J. *Alpha-band activity reflects trade-off between temporal preparedness and cognitive load for speech in noise*. Program No. 366.05. 2012 Neuroscience Meeting Planner. New Orleans, LA: Society for Neuroscience, 2012. Online.

2010 **Henry, M. J.**, Tkach, J., & McAuley, J. D. *Tempo modulates beat perception and involvement of motor areas in timing*. Abstracts of the Psychonomic Society: 51st Annual Meeting.

Henry, M. J., McAuley, J. D., Hartmann, W. H., & Pleskac, T. J. *Avoiding measurement artifacts in assessing the detection of 'expected' and 'unexpected' signals*. Journal of the Acoustical Society of America, 128(4), 2455.

Henry, M. J., Tuft, S. E., & McAuley, J. D. *When and why do musicians outperform non-musicians?* Proceedings of the 11th International Conference of Music Perception and Cognition.

McAuley, J. D., **Henry, M. J.**, Wedd, A., Tuft, S. E., & Gruschow, B. Regulatory focus theory and auditory perceptual classification: A motivation perspective on musician advantages in listening tests. *Abstracts of the Psychonomic Society: 51st Annual Meeting.*

2009 **Henry, M. J. & McAuley, J. D.** *Relative contribution of frequency and duration cues to estimates of frequency change in tone sequences and glides.* Journal of the Acoustical Society of America, 125(4), 2523.

Henry, M. J., Dille, L. C., Vinke, L. N., & Weinland, C. J. *Duration and context speech rate as cues to lexical perception and word segmentation.* Journal of the Acoustical Society of America, 125(4), 2655.

Grahn, J. A., **Henry, M. J., & McAuley, J. D.** *Effects of prior auditory exposure on brain activity during visual rhythm perception.* Program number 94.18 2009 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience. Online.

McAuley, J. D., **Henry, M. J., & Grahn, J. A.** *Prior exposure to auditory rhythms alters responses to visual rhythms.* Abstracts of the Psychonomic Society: 50th Annual Meeting.

Vinke, L. N., Dille, L. C., Banzina, E., & **Henry, M. J.** *Lexical perception and segmentation of words beginning with reduced vowels: A role for timing cues.* Abstracts of the Psychonomic Society: 50th Annual Meeting.

2008 McAuley, J. D. & **Henry, M. J.** *Visual rhythms do not receive automatic auditory encoding.* Abstracts of the Psychonomic Society: 49th Annual Meeting.

2007 **Henry, M. J. & McAuley, J. D.** *Increasing imputed velocity increases the magnitude of the auditory kappa effect.* Abstracts of the Psychonomic Society: 48th Annual Meeting.

UNPUBLISHED CONFERENCE PRESENTATIONS

2022 Criscuolo, A., Schwartze, M., **Henry, M. J., & Kotz, S. A.** *Modelling temporal predictions in humans' rhythm and beat processing.* Poster presentation at the 18th Winter Conference on Brain & Cognition, Egmond aan Zee, Netherlands.

2021 Mahjoory, K. & **Henry, M. J.** *EEG-based decoding of the locus of auditory attention using convolutional neural networks.* Poster presentation at the Tucker-Davis Symposium on Advances and Perspectives in Auditory Neurophysiology (APAN), online.

Weineck, K., Wen, O. X. & **Henry, M. J.** *Tempo-dependent neural synchronization to different musical features.* Oral presentation at the International Symposium on Auditory and Audiological Research (ISAAR), online.

Weineck, K., Wen, O. X. & **Henry, M. J.** *Tempo-dependent neural synchronization to different music features.* Poster presentation at the Salzburg Mind Brain Annual (SAMBA) Meeting 2021, online.

Kaya, E. & **Henry, M. J.** *Individual differences in rhythmic entrainment and performance in temporal contexts requiring rapid adaptation.* Poster presentation at Rhythm Perception and Production Workshop (RPPW), online.

- Moore, M & **Henry, M. J.** *An exhaustive search for 12-unit metrically ambiguous rhythms.* Poster presentation at Rhythm Perception and Production Workshop (RPPW), online.
- Wen, O. X., & **Henry, M. J.** *Characterizing individuals' oscillator flexibility: An online slider paradigm for temporal extrapolation.* Oral presentation at Rhythm Perception and Production Workshop (RPPW), online.
- Wen, O. X., Moore, M., & **Henry, M. J.** *A new behavioural and analysis paradigm for measuring individual differences in preferred rate.* Poster presentation at The Neurosciences and Music – VII, online.
- Cabral-Calderin Y. & **Henry M. J.** *Targeting stimulus-brain synchrony via tACS modulates auditory perception.* Oral presentation at the 2nd International Workshop on Non-Invasive Brain Stimulation (NIBS), online.
- Dauer T., **Henry M. J.**, Herrmann B. *How auditory perceptual learning is affected by temporal uncertainty.* Oral presentation at meeting of the Canadian Society for Brain, Behavior and Cognitive Science, online.
- 2020 Cabral-Calderin, Y. & **Henry, M. J.** *Test–retest reliability of neural entrainment of the human auditory system.* Poster presentation at the Tucker-Davis Symposium on Advances and Perspectives in Auditory Neurophysiology (APAN), online.
- 2019 **Henry, M. J.** & Grahm, J. A. *Pitting metrical structure against subjective accenting in a test of beat-perception ability.* Oral presentation at Rhythm Perception and Production Workshop (RPPW) in Traverse City, MI, USA.
- Hoddinott, J. D., **Henry, M. J.**, & Grahm, J. A. *The influence of familiarity on beat perception and oscillatory entrainment.* Poster presentation at Rhythm Perception and Production Workshop (RPPW) in Traverse City, MI, USA.
- Raza, S. Z., **Henry, M. J.**, Cameron, D. J., & Grahm, J. A. *Does corticospinal excitability fluctuate when listening to isochronous rhythms?* Poster presentation at Rhythm Perception and Production Workshop (RPPW) in Traverse City, MI, USA.
- Hoddinott, J. D., **Henry, M. J.**, & Grahm, J. A. *The influence of familiarity on beat perception and oscillatory entrainment.* Poster presentation at Timing Research Forum (TRF2) in Querétaro, Mexico.
- Raza, S. Z., **Henry, M. J.**, Cameron, D. J., & Grahm, J. A. *Does corticospinal excitability fluctuate when listening to isochronous rhythms?* Poster presentation at Timing Research Forum (TRF2) in Querétaro, Mexico.
- 2018 Cameron, D. J. **Henry, M. J.**, Everling, J. C., & Grahm, J. A. *Motor system excitability dynamics during auditory anticipation and beat perception.* Poster presentation at Perturbing and Enhancing Perception and Action using Oscillatory Neural Stimulation (PEPA ON Stimulation) in Cambridge, UK.
- 2017 **Henry, M. J.**, Cameron, D. J., Swarbrick, D., Bosnyak, D., Trainor, L., & Grahm, J. A. *Live music increases intersubject synchronization of audience members' brain rhythms.* Oral presentation at the Rhythm Perception and Production Workshop (RPPW16) in Birmingham, UK.
- Henry, M. J.**, Gibbings, A., & Grahm, J. A. *Separating stimulus-driven and entrained neural responses using musical rhythms.* Oral presentation at Timing Research Forum (TRF1) in Strasbourg, France.
- Cameron, D. J., **Henry, M. J.**, Everling, J. C., & Grahm, J. A. *Motor system excitability dynamics during auditory anticipation and beat perception.* Poster presentation at the Rhythm Perception and Production Workshop (RPPW16) in Birmingham, UK.

- Gibbings, A., **Henry, M. J.**, & Grahn, J. A. *Investigating the effect of beat strength and sound envelope on neural entrainment to rhythmic stimuli*. Poster presentation at the Rhythm Perception and Production Workshop (RPPW16) in Birmingham, UK.
- Henry, M. J.** & Grahn, J. A. *Beta-power modulations reflect anticipatory timing and are stronger in the presence of a beat*. Poster presentation at the Neuroscience and Music VI: Music, Sound and Health meeting Boston, MA, USA.
- Gibbings, A., **Henry, M. J.**, & Grahn, J. A. *Investigating the effect of beat strength and sound envelope on neural entrainment to rhythmic stimuli*. Poster presentation at the Neuroscience and Music VI: Music, Sound and Health meeting Boston, MA, USA.
- Gibbings, A., **Henry, M. J.**, & Grahn, J. A. *The effect of beat strength and sound envelope on neural entrainment*. Oral presentation at *Neural Entrainment and Rhythm Dynamics (NERD) Workshop*. Boston, MA, USA.
- Henry, M. J.** *Neural dynamics of beat perception*. Oral presentation at the International Society for Behavioral Neuroscience (ISBN) meeting in Las Vegas, NV, USA.
- 2016 **Henry, M. J.** & Grahn, J. A. *Neural entrainment during beat perception and its relation to psychophysical performance*. Oral presentation at the Tucker-Davis Symposium on Advances and Perspectives in Auditory Neurophysiology (APAN) in San Diego, CA, USA.
- Henry, M. J.**, Cameron, D. J., Grahn, J. A., Swarbrick, D., Bosnyak, D., & Trainor, L. *Social context and EEG intersubject synchronization between audience members during musical performance*. Oral presentation at McMaster Institute for Music and the Mind (MIMM) Retreat in Hamilton, Ontario.
- Strauß, A., **Henry, M. J.**, & Schwartz, J.-L. *Theta oscillations determine auditory word segmentation*. Poster presentation at the Society for the Neurobiology of Language (SNL) in London, UK.
- 2015 **Henry, M. J.** & Jessica A. Grahn. *Metrical structure makes discriminating pitch (and intensity) targets more difficult*. Poster presentation at BRAMS: The Next 10 Years in Montreal, Quebec.
- Henry, M. J.** & Jessica A. Grahn. *Neural dynamics of sensing a beat*. Oral presentation at the Inaugural Brain and Mind Institute Symposium in London, Ontario.
- Henry, M. J.** *What can we learn about beat perception by comparing brain signals and stimulus waveforms?* Oral presentation at Rhythm and Timing Symposium in London, Ontario.
- 2014 **Henry, M. J.**, Herrmann, B., & Obleser, J. *Neural entrainment is less responsive to attentional demands in older listeners*. Poster presentation at the Tucker-Davis Symposium on Advances and Perspectives in Auditory Neurophysiology in Washington, DC, USA.
- Herrmann, B., **Henry, M. J.**, Haegens, S., & Obleser, J. *Neural amplitude fluctuations in multiple frequency bands predict auditory perception in a rhythmically variable context*. Poster presentation at the Tucker-Davis Symposium on Advances and Perspectives in Auditory Neurophysiology in Washington, DC, USA.
- 2013 **Henry, M. J.**, Herrmann, B. & Obleser, J. *Pre-stimulus phase affects auditory perception during continuous-mode processing*. Tucker-Davis Symposium on Advances and Perspectives in Auditory Neurophysiology in San Diego, CA USA.

Herrmann, B., **Henry, M. J.**, Grigutsch, M., Scharinger, M., & Obleser, J. *Neural oscillatory dynamics and hemodynamic responses reveal distinct mechanisms underlying perception of time*. Tucker-Davis Symposium on Advances and Perspectives in Auditory Neurophysiology in San Diego, CA, USA.

Henry, M. J., Herrmann, B., & Obleser, J. *Neural entrainment to simultaneous frequency and amplitude modulation influences human gap-detection performance*. Poster presentation at Cognitive Hearing Science for Communication meeting in Linköping, Sweden.

Henry, M. J., Herrmann, B., & Obleser, J. *Neural entrainment to simultaneous frequency and amplitude modulation influences human gap-detection performance*. Poster presentation at CRC Conference 2013: Rhythmic Dynamics and Cognition in Boston, MA.

Herrmann, B., **Henry, M. J.**, Scharinger, M., & Obleser, J. Linking auditory cortical responses to auditory peripheral hearing in younger and older listeners. Poster presentation at Cognitive Hearing Science for Communication meeting in Linköping, Sweden.

Herrmann, B., **Henry, M. J.**, Grigutsch, M., & Obleser, J. Oscillatory phase precision in neural entrainment underpins illusory time percepts. Poster presentation at CRC Conference 2013: Rhythmic Dynamics and Cognition in Boston, MA.

Herrmann, B., **Henry, M. J.**, Grigutsch, M., & Obleser, J. Multiplexed coding of velocity features in patterns of neural phase entrainment. Poster presentation at Psychologie und Gehirn in Würzburg, Germany.

Wilsch, A., **Henry, M. J.**, Herrmann, B., Maess, B., & Obleser, J. Temporal expectations exert differential effects on alpha power in noise and in quiet. Poster presentation at TIMELY Workshop on "Development of Timing and Time Perception: A lifespan perspective" in Granada, Spain.

Wilsch, A., **Henry, M. J.**, Herrmann, B., Maess, B., & Obleser, J. Temporal expectations exert differential effects on alpha power in noise and in quiet. Poster presentation at Psychologie und Gehirn in Würzburg, Germany.

Strauß, A., **Henry, M. J.**, Scharinger, M., & Obleser, J. *Alpha phase as a marker of biased speech perception in noise*. Poster presentation at Neurobiology of Language Conference in San Diego, CA.

Scharinger, M., Bendixen, A., Strauß, A., **Henry, M. J.**, Herrmann, B., & Obleser, J. *Brain dynamics of processing speech sound omissions in predictive and non-predictive contexts*. Poster Presentation at Neurobiology of Language Conference in San Diego, CA.

2012 **Henry, M. J.** & Obleser, J. Slow frequency modulation entrains neural delta oscillations and determines human listening behavior. Poster presentation at the Tucker-Davis Symposium on Advances and Perspectives in Auditory Neurophysiology in New Orleans, LA, USA.

Henry, M. J. & Obleser, J. Slow frequency modulation entrains neural delta oscillations and determines human listening behavior. Poster presentation at the Auditory Cortex meeting in Lausanne, Switzerland.

Henry, M. J. & Obleser, J. Neural entrainment to amplitude- and frequency-modulated sounds. Poster presentation at Perspectives on Rhythm and Timing (PoRT) in Glasgow, Scotland, UK.

Herrmann, B., **Henry, M. J.**, & Obleser, J. Frequency-specific adaptation reveals tonotopic organization in a speeded human EEG design. Poster presentation at the Auditory Cortex meeting in Lausanne, Switzerland.

- 2011 **Henry, M. J.** & McAuley, J. D. Silent articulation modulates beat perception: Cross-modality adaptation evidence for a premotor role in perception of an implied beat. Oral presentation at the 13th Rhythm Perception and Production Workshop (RPPW) in Leipzig, Germany.
- Henry, M. J.** & McAuley, J. D. *Individuals who perform poorly on the MBEA have difficulty identifying novel melodies as novel.* Poster presentation at Neurosciences and Music IV in Edinburgh, Scotland, UK.
- McAuley, J. D., **Henry, M. J.**, Rajarajan, P., & Nave, K. Effect of movement on the metrical interpretation of ambiguous rhythms: Phillips-Silver and Trainor (2007) revisited. Oral presentation at the Society of Music Perception and Cognition meeting (SMPC11) in Rochester, NY.
- McAuley, J. D., **Henry, M. J.**, & Wedd, A. W. More than just musical ability: Regulatory fit contributes to differences between musicians and non-musicians in music perception. Oral presentation at the Society of Music Perception and Cognition meeting (SMPC11) in Rochester, NY.
- McAuley, J. D., **Henry, M. J.**, & Wedd, A. W. *An investigation of the auditory 'oddball' effect in perceived duration.* Oral presentation at the 21st annual New England Sequencing and Timing (NEST) meeting in Amherst, MA.
- McAuley, J. D., **Henry, M. J.**, & Wedd, A. W. Attention, predictability, and the perceived duration of auditory 'oddballs'. Oral presentation at the 3rd annual West Coast Sequencing and Timing (WEST) meeting in Santa Barbara, CA.
- 2010 **Henry, M. J.** & McAuley, J. D. Interactions between pitch and time processing: Application of special relativity theory to auditory perception. Oral presentation at the 16th annual Cognitive Science Association for Interdisciplinary Learning (CSAIL) meeting in Hood River, OR.
- Wedd, A. W., **Henry, M. J.**, & McAuley, J. D. Regulatory fit and auditory category learning. Oral presentation at the 16th annual Cognitive Science Association for Interdisciplinary Learning (CSAIL) meeting in Hood River, OR.
- Wedd, A. W., **Henry, M. J.**, & McAuley, J. D. Attention, predictability, and the auditory 'oddball' effect in perceived duration. Poster presentation at the 8th annual Auditory Perception, Cognition, and Action Meeting (APCAM) in St. Louis, MO.
- Pasinski, A., McAuley, J. D., **Henry, M. J.**, & Snyder, J. S. The contingent-negative variation reflects modality-specific timing in the brain. Oral presentation at the 2nd annual West Coast Sequencing and Timing (WEST) meeting in Santa Barbara, CA.
- 2009 **Henry, M. J.**, Gruschcow, B. T., & McAuley, J. D. Application of signal detection theory to the Montreal Battery of Evaluation of Amusia. Poster presentation at the Society of Music Perception and Cognition meeting (SMPC09) in Indianapolis, IN.
- Henry, M. J.**, Grahn, J. A., & McAuley, J. D. Individual differences in perception of auditory and visual rhythms. Oral presentation at the 1st annual West Coast Sequencing and Timing (WEST) meeting in Santa Barbara, CA.
- Tuft, S. E., **Henry, M. J.**, & McAuley, J. D. Regulatory fit and performance on the Montreal Battery of Evaluation of Amusia. Poster presentation at the 7th annual Auditory Perception, Cognition, and Action Meeting (APCAM) in Boston, MA.

- 2008 Weinland, C. J., Vinke, L. N., **Henry, M. J.**, & Dilley, L. C. Duration as a cue to lexical identity in spoken word recognition. Poster presentation at the 6th annual Auditory Perception, Cognition, and Action Meeting (APCAM) in Chicago, IL.
- 2007 **Henry, M. J.**, Zaleha, M. F., & McAuley, J. D. Increasing imputed velocity increases the magnitude of the auditory tau effect. Poster presentation at the 6th annual Auditory Perception, Cognition, and Action Meeting (APCAM) in Long Beach, CA.
- Henry, M. J.** & McAuley, J. D. The role of imputed velocity in the auditory kappa effect. Oral presentation at the 17th Annual New England Sequence and Timing (NEST) meeting in New Haven, CT.
- 2006 **Henry, M. J.** & McAuley, J. D. The role of imputed velocity in the auditory kappa effect. Oral presentation at the 5th Annual Auditory Perception, Cognition, and Action Meeting (APCAM) in Houston, TX.