Sharif I. Kronemer, PhD

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Academic Positions

2021-present **National Institute of Mental Health**
Laboratory of Brain and Cognition
Section on Functional Imaging Methods
Research Fellow (2026-present)
Postdoctoral Fellow (2021-2026)
Mentor: Peter Bandettini, PhD

2013 – 2015 **Johns Hopkins University**
Division of Cognitive Neuroscience
Department of Neurology
Research Assistant
Mentor: Cherie Marvel, PhD

Education

2015 – 2021 **Yale University**
Interdepartmental Neuroscience Program
PhD in *Neuroscience*
Master of Philosophy in *Neuroscience*
Mentor: Hal Blumenfeld, MD, PhD

2012 – 2013 **University College London** (UCL)
Division of Psychology and Language Sciences
Master of Science in *Cognitive Neuroscience*
Mark: Distinction (highest mark)
Mentors: Paul Snowdon, PhD & Geraint Rees, PhD

2008 – 2012 **Ohio Wesleyan University** (OWU)
Bachelor of Arts
Major: *Neuroscience* Minor: *Philosophy*
Mentor: Jennifer Yates, PhD
GPA: 3.82

Grants

2026 **Consciousness Commons – Templeton World Charity Foundation**: Testing competing theories of consciousness' hypotheses about the role of pre-stimulus activity in conscious experience.

Fellowships & Scholarships

2018 – 2019 **Yale *Neurobiology of Cortical Systems* Training Grant (NINDS T32 - NS007224)**: Stipend, tuition, and research funding competitively awarded to neuroscience PhD candidates ($36,826).

2015 – 2017 **Yale Gruber Foundation Graduate Fellowship**: 3-year stipend and research funding awarded to top ranked neuroscience PhD applicants.

2012 **NCAA Postgraduate Scholarship**: Graduate school funding competitively awarded to student-athletes across all National Collegiate Athletics Association (NCAA) sports ($7,500).

2010 **OWU Theory-to-Practice Scholarship**: Grant funding research and travel costs to study water management in nine Chinese cities ($7,346).

2008 – 2012 **OWU Trustee Honors Scholarship**: Merit-based tuition scholarship ($99,000).

Honors & Awards

2025 **Julius Axelrod NIMH Memorial Fellowship Training Award**: Competitively awarded to commemorate scientific excellence and contributions of distinguished intramural research program investigators to fund research ($12,500).

2025 **NIH Fellows Award for Research Excellence**: Competitively awarded for research excellence to fund scientific meeting travel expenses ($1500).

2024 **NIMH Trainee Travel Award**: Competitively awarded for research excellence to fund scientific meeting travel expenses ($1000).

2021 – 2026 **NIH Intramural Research Training Award**: Postdoctoral traineeship award.

2020 **Yale Annie Le Fellowship**: Awarded to 2 PhD candidates across all biological sciences for leadership in research and community service; stipend and research equipment funding ($5000).

2019 **Yale 3-Minute Thesis Competition Finalist**: 3rd place ($200).

2018, 2019 **Yale Conference Travel Fund Award**: Competitively awarded to graduate students to pay conference travel expenses ($750).

2012 **NCAA Academic All-American**: Awarded to top student-athletes nationwide (NCAA Division III) for athletic and academic achievement.

2012 **NCAC Don Hunsinger Award**: Competitively awarded to the top male senior student-athlete in the North Coast Athletic Conference (NCAC) based on athletic ability, academic record, and leadership potential.

2012 **OWU Meek Leader Award**: Awarded to top senior undergraduate students who demonstrate exceptional leadership ability and service.

2012 **OWU Daniel E. Anderson Award**: Awarded to 1 senior undergraduate philosophy student who exemplifies strong philosophic research.

2011, 2012 **OWU Dale J. Bruce Presidential Scholar Athlete of the Year**: Awarded to the top undergraduate student-athlete based on athletic achievement, academic excellence, character, and leadership.

2009 **OWU Clinton R. Stevenson Leadership Award**: First year room and board scholarship awarded to 1 undergraduate student for leadership ($8,000).

Teaching

2023 – 2026 **Howard University** – ***A Primer in the Study of Consciousness***: Designed and taught a seminar course on the philosophy, science, and medicine of consciousness to Howard University undergraduate and graduate students.

2022 – 2026 **NIH FAES** – ***The Neural Mechanisms of Consciousness: Implications in Medicine, Technology, and Society*** *(NEUR 305)*: Designed and taught a 7-week course on the philosophy, science, and medicine of consciousness to students enrolled with the Foundation for Advanced Education in the Sciences (FAES).

2022 – 2024, 2026 **NIH Journal Club** – ***The consciousness network: What structural and functional connections in the brain reveal about the source of conscious perception***: Designed and co-instructed a journal club to NIH summer interns.

2022 **NIH FAES** – ***Human Neuroscience*** *(BIOL 325)*: Taught a 7-week course on the introduction to neuroscience to students enrolled with FAES.

2020 **Yale Teaching Fellow** – ***Neurobiology*** (Professor: Haig Keshishian, PhD): Led a teaching section of Yale undergraduate students.

2016 – 2020 **Yale Pathways to Science** – ***Consciousness: Science, Self, and Society***: Designed and taught a 12-hour course on the philosophy and science of consciousness to High School students enrolled in the Yale Summer Scholars Program.

2018 **Yale Teaching Fellow** – ***Neuroanatomy*** (Professor: Michael Schwartz, PhD): Led a lab section of Yale neuroscience graduate and medical students.

2016, 2017 **Yale Teaching Fellow** – ***Bioethics*** (Professor: Charlie Greer, PhD): Organized and co-supervised a 15-week course of Yale neuroscience graduate students.

2011 **OWU –** ***Consciousness and Mind*** (*PSYCH 499*): Designed and taught a 15-week course on the philosophy and science of consciousness to undergraduates. Supervised by Jennifer Yates, PhD.

Teaching Training

2022 **NIH Course** – ***Scientists Teaching Science***: Completed a 9-week training course on teaching skills and strategies for collegiate teaching in the sciences.

2022 **NIH Course** – ***Best Teaching Practices in Higher Education: Building a Learner-Centered Course from Principles to Practice***: Completed a 7-week training course on teaching skills and strategies for collegiate teaching in the sciences**.**

2021 **Yale Poorvu Public Communication Certificate**: Completed certificate requirements demonstrating skills in professional oral and written communication.

2020 **Yale Certificate of College Teaching Preparation**: Completed comprehensive, multi-year training program in collegiate education.

Mentorship

2021, 2022 **OWU Real Life 101 Mentor Program**: Mentored 2 undergraduate students.

2021 **Yale Biological & Biomedical Sciences Diversity & Inclusion Collective Mentor Program**: Mentored 1 undergraduate student.

2017 – 2021 **Yale Graduate Affiliate Program** – Pierson College: Co-organized undergraduate professional and networking events; research mentoring.

2018 – 2020 **Yale Undergraduate Senior Thesis Mentor**: Mentor for 2 senior undergraduate thesis projects (Kaylie Chen & Claire Hu).

2016 – 2021 **Yale Postbaccalaureate Research Assistant Mentor**: Mentor for 3 research assistants (Jun Hwan Ryu, Mark Aksen, & Julia Z. Ding).

Mentees

NIH Postbaccalaureate Research Fellow

2026-present Heaven Dixon
2025 – 2026 Plyfaa Suwanamalik-Murphy (*Current:* PhD student at UC San Diego)
2024 – 2026 Cassandra Levesque (*Current:* PhD student at University College London-NIH)
2023 – 2024 Victoria Gobo (*Current:* PhD student at Baylor College of Medicine)
2022 – 2023 Micah Holness (*Current:* PhD student at Georgia State University)

NIH Summer Intern

2026 Diana Gomboa, Undergraduate at Boston University

Leadership

2023-present **NIH Consciousness Research Interest Group, Co-chair**: Organize NIH symposia and lectures on the scientific study of consciousness.

2016 – 2019 **Association for the Scientific Study of Consciousness (ASSC) – Committee Member, Chair**: Competitively selected for a 3-year position on ASSC student committee (Chair 2018-2019).

2017, 2018 **Yale Graduate Student Assembly Representative**: Elected to represent graduate students in the Yale Interdepartmental Neuroscience Program.

2015 – 2018 **Open Labs at Yale, Director**: Elected co-director of Open Labs, a graduate student-led, science outreach organization.

2013 **UCL Student Academic Representative**: Elected to represent the Master of Science in Cognitive Neuroscience graduate students.

2011 – 2012 **OWU Student Body President**: Elected to represent the student body and led the Wesleyan Council on Student Affairs. (Vice President 2010-2011; Class Representative 2009-2010)

Invited Lectures

Nov 4, 2026 **Northwestern University Cognitive Brain Mapping Group**: *"Visual awareness without seeing: Insights into conscious sight from a rare case of cortical blindness"*

Aug 1, 2026 **Computational Consciousness Science Satellite Workshop**: *"The feeling of seeing: Insights into the neural origins of conscious sight from a case study of cortical blindness"*

Jan 13, 2026 **NIMH Investigator's Seminar Series**: *"The physiological correlates and sources of sensory conscious perception"*

Aug 18, 2025 **Harvard Medical School-NIH Layer fMRI Seminar Series**: *"The human brain mechanisms of afterimages"*

Sep 16, 2024 **NIMH Training Day Lightning Talk**: *"Sleuthing subjectivity"*

Apr 22, 2024 **UCL Metacognitive Neuroscience Lab**: *"The neural mechanisms of visual sensory and sensory-independent conscious perception"*

Dec 14, 2024 **University of Münster Institute of Medical Psychology and Systems Neuroscience**: *"Human visual consciousness involves large scale cortical and subcortical networks"*

Dec 7, 2023 **Yale Magnetic Resonance Research Center Seminar Series**: *"Examining afterimage conscious perception with whole brain and V1 layer-resolution fMRI"*

Apr 14, 2023 **OWU "The Neurds" Research Talk**: "*The space and time of visual consciousness in the human brain"*

Feb 20, 2018 **Yale Clinical Neuroimaging Symposium**: *"Transient increases in subcortical arousal and salience networks associated with conscious visual perception"*

May 14, 2018 **Johns Hopkins University - Neurology HEAD Seminar Series**: "*Uncovering the neural mechanisms of consciousness: Outstanding questions and obstacles"*

Conference Workshops

2025, 2026 **NIH Research Festival Workshops** *(Organizer) – Affective perception*

2026 **ASSC, Conference 29** *(Symposium chair and speaker) – Covert measures of consciousness*

2023 **NIH-NSF Next Frontiers in Consciousness Research Workshop** *(Workshop outreach ambassador*): Organized outreach classes for underrepresented undergraduate and graduate students in the science of consciousness in preparation of the Workshop https://new.nsf.gov/funding/opportunities/cognitive-neuroscience-cogneuro/announcements/95736

2023 **ASSC, Conference 26** *(Speaker) – Shared subcortical arousal mechanisms across diverse perceptual and volitional modalities*

2018 **ASSC, Conference 22** *(Organizer and speaker) – Investigating cortical and subcortical mechanisms of conscious perception*

Community Engagement

2013 – Present **Science Outreach**

University programming
Yale Science Diplomats - Science in the News, Yale Science Diplomats - Flipped Science Fair, Yale EXPLO, Yale Young Global Scholars, Yale Synapse, Yale Pathways to Science, Yale Open Labs - Science Café, Yale Science at BAR, UCL Year 10 Debating Summer School, UCL Transition Program - Uni-Link

Public seminar series
Institute for Learning in Retirement (New Haven, CT), North Haven Public Library (New Haven, CT), Guilford Public Library (New Haven, CT), Branford Public Library (New Haven, CT), Barbican Centre - Brain Waves (London, UK)

Classroom visits
MBA High School (New Haven, CT), Co-op High School (New Haven, CT), Springbrook High School (Silver Spring, MD), Discovery High School (Lake Alfred, FL)

Peer Review & Editing

Attention, Perception, and Psychophysics *Biocybernetics and Biomedical Engineering*

Brain and Behavior
Brain Imaging and Behavior
Cognitive, Affective, and Behavioral Neuroscience
Communications Biology
Consciousness and Cognition
Cortex
Current Opinion in Behavioral Sciences
Electronics Letters
eLife
Eye & Brain
Frontiers in Behavioral Neuroscience
Frontiers in Neuroscience
Humanities and Social Sciences Communications
Investigative Ophthalmology and Visual Science
PeerJ
iScience
Nature Communications
Nature Human Behaviour
NeuroImage
Neuropsychologia
Peer Community In Registered Reports
Perception
PNAS
Progress in Neurobiology
Scientific Reports
Sensors
Yale Undergraduate Research Journal

Professional Membership

2017-present American Association for the Advancement of Science
2016-present Association for the Scientific Study of Consciousness *(full-voting member)*
2012 Phi Beta Kappa
2011-present Society for Neuroscience

Conference Abstracts *(first or senior authorship abstracts only)*

1. **Kronemer, SI**, Levesque, CM, Edwards, G, Faskowitz, J, Turtzo, L, Rispoli, B, Liu, TT, Gonzalez-Castillo, J, & Bandettini, PA (November 2026). *Residual visual conscious perception in cortical blindness: A multimodal neuroimaging case study.* Poster presentation at *Society for Neuroscience*, Washington, DC, USA
2. **Kronemer, SI**, Wang, AY, Walsh, C, Levesque, CM, Gobo, VE, Japee, S, Merriam, E, Gonzalez-Castillo, J, Edwards, G, Osborne, B, Turtzo, L, Liu, TT, & Bandettini, PA (November 2025). *Covertly predicting and augmenting visual conscious perception in cerebral blindness*. Poster presentation at *Society for Neuroscience*, San Diego, USA
3. **Kronemer, SI**, Gobo, VE, Japee, S, Merriam, E, Osborne, B, Bandettini, PA, & Liu, TT (July 2025). *Visual conscious awareness and neural processing are linked to eye metrics in cerebral blindness*. Oral presentation at *Association for the Scientific Study of Consciousness*, Heraklion, GR
4. Levesque, CM, Dijkstra, N, Bandettini, P., **Kronemer, SI** (July 2025). *Investigating perceptual reality monitoring using afterimage perception*. Poster presentation at *Association for the Scientific Study of Consciousness*, Heraklion, GR
5. Suwanamalik-Murphy, P, Gobo, VE, Gonzalez-Castillo, J, Benitez-Andonegui, A, Bandettini, PA, **Kronemer, SI** (July 2025). *Visual conscious awareness and neural processing are linked to eye metrics in cerebral blindness*. Poster presentation at *Association for the Scientific Study of Consciousness*, Heraklion, GR
6. Levesque, CM, Dijkstra, N, Bandettini, PA, & **Kronemer, SI** (November 2024). *A novel reality monitoring paradigm: Distinguishing image and afterimage conscious perception*. Poster presentation at *Society for Neuroscience*, Chicago, USA

7. Gobo, VE, Liu, TT, Japee, S, Merriam, E, Osborne, B, Bandettini, PA, & **Kronemer, SI** (November 2024). *Visual evoked pupil, blink, and eye movements in cortical blindness*. Poster presentation at *Society for Neuroscience*, Chicago, USA

8. Gobo, VE, Gonzalez-Castillo, J, Benitez-Andonegui, A, Bandettini, PA, & **Kronemer, SI** (July 2024). *Light-ind. pupillary fluctuations predict sensory perceptual sensitivity, MEG, and whole brain fMRI signals*. Oral presentation at *Association for the Scientific Study of Consciousness*, Tokyo, JP

9. **Kronemer, SI**, Akin, B, Huber, R, Holness, M, Gonzalez-Castillo, J, *et al.*, Bandettini, PA (July 2024). *The central neural mechanisms of afterimage perception: A whole brain and cortical layer fMRI study*. Oral presentation at *Association for the Scientific Study of Consciousness*, Tokyo, JP

10. Gobo, VE, Gonzalez-Castillo, J, Teves, J, Holness, M, Bandettini, PA, & **Kronemer, SI** (June 2024). *Phase of pupillary unrest corresponds with perceptual sensitivity, MEG, and whole brain fMRI signals*. Poster presented at *Organization for Human Brain Mapping*, Seoul, KR

11. **Kronemer, SI**, Holness, M, Akin, B, Gonzalez-Castillo, J, Huber, R, *et al.*, Bandettini, PA (June 2024). *Whole brain and primary visual cortex layer fMRI signatures of afterimage perception*. Poster presented at *Organization for Human Brain Mapping*, Seoul, KR

12. **Kronemer, SI**, Holness, M, Morgan, TA, Gonzalez-Castillo, J, Akin, B, Huber… Bandettini, PA (October 2023). *Perceptually-matched images and afterimages share whole brain fMRI dynamics*. Poster presented at *Society for Neuroscience*, Washington, DC, USA

13. Gobo, VE, Gonzalez-Castillo, J, Teves, J, Holness, M, Bandettini, PA, & **Kronemer, SI** (October 2023). *Pupil size and phase as a real-time marker of perceptual sensitivity and whole brain activity*. Poster presented at *Society for Neuroscience*, Washington, DC, USA

14. **Kronemer, SI**, Holness, M, Morgan, TA, Gonzalez-Castillo, J, Teves, J, Handwerker, D, & Bandettini, PA (July 2023). *The neural mechanisms of interoceptive conscious perception: A 7T fMRI study of afterimages*. Poster presented at *Organization for Human Brain Mapping*, Montreal, CA

15. Gobo, VE, Gonzalez-Castillo, J, Teves, J, Handwerker, D, Bandettini, PA, & **Kronemer, SI** (July 2023) *Real time pupil size detection as a marker of arousal state and perceptual sensitivity*. Poster presented at *Organization for Human Brain Mapping*, Montreal, CA

16. Gobo, VE, Gonzalez-Castillo, J, Teves, J, Handwerker, D, Bandettini, PA, & **Kronemer, SI** (June 2023) *Pupil size as a real-time marker of arousal and perception state.* Poster presentation at *Association for the Scientific Study of Consciousness*, New York City, USA

17. **Kronemer, SI**, Holness, M, Morgan, TA, Gonzalez-Castillo, J, Teves, J, … Bandettini, PA (June 2023) *Exteroceptive versus interoceptive conscious perception: A 7T fMRI study of afterimages.* Oral presentation at *Association for the Scientific Study of Consciousness*, New York City, USA

18. Holness, M, Morgan, TA, Teves, J, Handwerker, D, Bandettini, PA, & **Kronemer, SI** (October 2022) *The neural mechanisms of afterimages: A model of illusory conscious perception*. Poster presentation at *Society for Neuroscience*, San Diego, USA

19. **Kronemer, SI**, Aksen, M, Ryu, JH, Kwon, H, Forman, S … Blumenfeld, H (June 2019) *Subcortical and cortical electrophysiology and fMRI in visual conscious perception: Detect, pulse, switch, and wave model.* Poster presentation at *Association for the Scientific Study of Consciousness*, London, CA

20. **Kronemer, SI**, Aksen, M, Kwon, H, Christison-Lagay, KL, Forman, S … Blumenfeld, H (June 2018) *The temporal sequence of physiological changes for visual conscious perception.* Poster presentation at *Association for the Scientific Study of Consciousness*, Krakow, PL

21. **Kronemer, SI**, Forman, S, Ryu, JH, Khosla, M, Saberski, E … Blumenfeld, H (June 2017) *The subcortical neural mechanisms of network switching for visual conscious perception.* Poster presentation at *Association for the Scientific Study of Consciousness*, Beijing, CN

22. **Kronemer, SI**, Xiao, WR, Gober, L, Smith, RE, Wafa, SA … Blumenfeld, H (June 2016) *The cortical event-related potential and alpha wave signatures for visual consciousness.* Poster presentation at *Association for the Scientific Study of Consciousness*, Buenos Aires, AR

Publications

1. **Kronemer, SI** (2026). Imagery: Its measure, trait, source, and utility. *Consciousness: A comprehensive reference (2nd Edition)*.

2. **Kronemer, SI**, Bandettini, PA, & Gonzalez-Castillo, J (2025). Sleuthing subjectivity: A review of covert measures of consciousness. *Nature Reviews Neuroscience*. https://doi.org/10.1038/s41583-025-00934-1

3. **Kronemer, SI**, Gobo, VE, Japee, S, Merriam, EP, Osborne, B, Bandettini, PA, & Liu, TT (2025). Eye metrics often reflect visual conscious awareness, conscious content, and neural processing in cerebral blindness. *Communications Biology*. https://doi.org/10.1038/s42003-025-08945-5

4. **Kronemer, SI**, Akin, B, Holness, M, Morgan, AT, Huber, L, Taylor, PA, Gonzalez-Castillo, J, Handwerker, DA, & Bandettini, PA (2025; in review). The human brain mechanisms of afterimages: From networks to cortical layers. *bioRxiv*. doi: https://doi.org/10.1101/2025.08.30.673266

5. **Kronemer, SI**, Gobo, VE, Walsh, CR, Teves, JB, Burk, DC, Shahsavarani, S, Gonzalez-Castillo, J, & Bandettini, PA (2025). Cross-species real time detection of trends in pupil size fluctuation. *Behavior Research Methods, 57*. https://doi.org/10.3758/s13428-024-02545-7

6. Christison-Lagay, KL, Khalaf, A, Freedman, NC, Micek, C., **Kronemer, SI**, … Blumenfeld, H (2025). The neural activity of auditory conscious perception. *NeuroImage*, 308. https://doi.org/10.1016/j.neuroimage.2025.121041

7. **Kronemer, SI**, Holness, M, Morgan, AT, Teves, JB, Gonzalez-Castillo, J, Handwerker, DA, & Bandettini, PA (2024). Visual imagery vividness correlates with afterimage conscious perception. *Neuroscience of Consciousness*. https://doi.org/10.1093/nc/niae032

8. **Kronemer, SI**, Aksen, M, Ding, J, Ryu, JH, Xin, Q, Ding, Z, … Blumenfeld, H (2022). Human visual consciousness involves large scale cortical and subcortical networks independent of task report and eye movement activity. *Nature Communications*, 13:7342. https://doi.org/10.1038/s41467-022-35117-4

9. Khalaf, A, **Kronemer, SI**, Christison-Lagay, KL, Kwon, H, Li, J, Wu, K, & Blumenfeld, H (2023). Early neural activity changes associated with stimulus detection

during visual conscious perception. *Cerebral Cortex*, 22:bhac140. https://doi.org/10.1093/cercor/bhac140

10. Gusso, MM, Christison-Lagay, KL, Zuckerman, D, Chandrasekaran, G, **Kronemer, SI**, … Blumenfeld, H (2022). More than a feeling: scalp EEG and eye correlates of conscious tactile perception. *Consciousness and Cognition*, 105:103411. https://doi.org/10.1016/j.concog.2022.103411

11. Joyce, RM, Nadkarni, PA, **Kronemer, SI**, Margron, MJ, Slapik, MB, Morgan, … Marvel, CL (2022). Quality of life changes following the onset of cerebellar ataxia: Symptoms and concerns self-reported by ataxia patients and informants. *The Cerebellum*, 21. https://doi.org/10.1007/s12311-022-01393-5

12. **Kronemer, SI**, Slapik, MB, Pietrowski, JR, Margron, MJ, Morgan, OP, Bakker, C, … Marvel, CL (2021). Neuropsychiatric symptoms as a reliable phenomenology of cerebellar ataxia. *The Cerebellum*, 20. https://doi.org/10.1007/s12311-020-01195-7

13. Kwon, H, **Kronemer, SI**, Christison-Lagay, KL, Khalaf, A, Li, J, Ding, JZ, Freedman, NC, Blumenfeld, H (2021). Early cortical signals in visual stimulus detection. *NeuroImage*, 244. https://doi.org/10.1016/j.neuroimage.2021.118608

14. Morgan, OP, Slapik, MB, Iannuzzelli, KG, LaConte, SM, Lisinski, JM, Nopoulos, PC, … Marvel, CL (2021). The cerebellum and implicit sequencing: Evidence from cerebellar ataxia. *The Cerebellum*, 20, 222-45. https://doi.org/10.1007/s12311-020-01206-7

15. Li, J, **Kronemer, SI**, Herman, WX, Kwon, H, Ryu, JR, Micek, C, … Blumenfeld, H, (2019). Default mode and visual network activity in an attention task: Direct measurement with intracranial EEG. *NeuroImage*, 201. https://doi.org/10.1016/j.neuroimage.2019.07.016

16. Marvel, CL, Morgan, OP, & **Kronemer, SI** (2019). How the motor system integrates with working memory. *Neuroscience and Biobehavioral Reviews*, 102, 184-194. https://doi.org/10.1016/j.neubiorev.2019.04.017

17. Herman, WX, Smith, RE, **Kronemer, SI**, Watsky, RE, Chen, WC, Gober, LM, … Blumenfeld, H (2019). A switch and wave of neuronal activity in the cerebral cortex during the first second of conscious perception. *Cerebral Cortex, 29*(2), 461-474. https://doi.org/10.1093/cercor/bhx327

18. Slapik, M, **Kronemer, SI**, Morgan, O, Bloes, R, Lieberman, S, Mandel, J, … Marvel, C (2019). Visuospatial organization and recall in cerebellar ataxia. *Cerebellum, 18*(1), 33-46. https://doi.org/10.1007/s12311-018-0948-z

19. **Kronemer, SI**, Mandel, JA, Sacktor, NC, & Marvel, CL (2017). Impairments of motor function while multitasking in HIV. *Frontiers in Human Neuroscience, 11*, 212. https://doi.org/10.3389/fnhum.2017.00212

20. Anderson, BA, **Kronemer, SI**, Rilee, JJ, Sacktor, N, & Marvel, CL (2015). Reward, attention, and HIV-related risk in HIV+ individuals. *Neurobiology of Dis.* https://doi.org/10.1016/j.nbd.2015.10.018

21. Liao, D, **Kronemer, SI**, Yau, J, Desmond, J, & Marvel, CL (2014). Motor system contributions to verbal and non-verbal working memory. *Frontiers in Human Neuroscience, 8*(753). https://doi.org/10.3389/fnhum.2014.00753

22. **Kronemer, SI** & Yates, J (2012). An undergraduate taught course on consciousness and mind. *The Journal of Undergraduate Neuroscience Education, 11*(1), A17-A21

Publications In Preparation *(first or senior authorship only)*

1. **Kronemer, SI** and Bandettini, PA. *Integrative Neuroimaging* (author and co-editor; textbook)
2. Cassandra Levesque *et al.*, **Kronemer, SI**. *EEG signatures of afterimages and perceptual reality monitoring.*
3. **Kronemer, SI** *et al.*, Bandettini, PA. *Visual awareness without the experience of seeing: Insights on the neural mechanisms of conscious sight from cortical blindness.*
4. **Kronemer, SI** *et al.*, Bandettini, PA. *Image generation with closed-loop eye behavior task reveals residual visual processing and awareness in cortical blindness.*