Robert Calin-Jageman

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Department of Psychology Dominican University 7900 West Division St. River Forest, IL 60305

EDUCATION

Georgia State University, Atlanta, GA, 2004-2006

- Post-Doctoral Researcher
- Lab of Paul S. Katz, Department of Biology

Wayne State University, Detroit, MI, 1998-2004

- Ph.D., Psychology (Behavioral and Cognitive Neuroscience), 2004, Lab of Thomas Fischer
- M.A., Psychology (Cognitive), 2001, Supervised by Hilary H. Ratner

Albion College, Albion, MI, 1994-1998

B.A., Philosophy and Cognitive Science

EMPLOYMENT

Dominican University, River Forest, IL, 2007-present

- Professor, Department of Psychology, 2015-present
- Associate Professor, Department of Psychology, 2011-2015
- Assistant Professor, Department of Psychology, 2007-2011
- Neuroscience Program Directory, 2008-present

Agnest Scott College, Atlanta, GA, 2007

Adjunct Assistant Professor, Department of Psychology

Georgia State University, Atlanta, GA, 2006-2007

Research Assistant Professor, Department of Biology

Database design for small businesses, 1998-2004

Custom database solutions for chambers of commerce

PROFESSIONAL MEMBERSHIPS AND ACTIVITES

Memberships

- Society for Neuroscience, 2001-present
- Faculty for Undergraduate Neuroscience, 2007-present
- Association for Psychological Science, 2009-present
- Society for the Improvement of Psychological Science, 2017-present

Webmaster

- Faculty for Undergraduate Neuroscience, 2008-2020
- Nu Rho Psi Neuroscience Honors Society, 2008-2020

BOOKS

Cumming G & Calin-Jageman RJ (2016). Introduction to the New Statistics. Routledge: New York, NY.

FUNDING

Ongoing

- An Online Short-Course in Sample-Size Determination
 - NIH Grant #1R25GM132784-01, PI, Funding letter currently pending \$63,000 – direct costs Funding period: 4/1/2019 3/31/2021
 - Funding period: 4/1/2019-3/31/2021
- Renewal of Transcriptional Mechanisms of Maintaining and Forgetting Long-Term Memory NIH Grant #1R15MH107892-02, co-PI – Scored in 2nd percentile \$300,000 – direct costs Funding period: 6/1/2019-6/1/2021

Past

- Transcriptional Mechanisms of Maintaining and Forgetting Long-Term Memory NIH Grant #1R15MH107892-01, co-PI
 - \$300,000 direct costs
 - Funding period: 7/1/2015-7/1/2018
- Replication of Facial Feedback Hypothsis Association for Psychological Science, co-PI Funding Period: 8/1/2015-12/1/2015
- Replication of Superstition and Performance Study by Damisch, Stoberock & Mussweiler Center for Open Science Grant, co-PI \$500 – direct costs
 - Funding Period: May 2013-December 2013
- Mechanisms in the Expression and Decay of Long-Term Habituation NIH Grant #1R15MH090998-01, co-PI
 - \$249,000 direct costs
 - Funding period: 7/15/2010-7/14/2013
- Physiological and Genetic Substrates of Long-Term Habituation Davidson College and Howard Hughes Medical Foundation, PI \$9.000 – direct costs
- Physiological and Genetic Substrates of Long-Term Habituation RCAS Summer Research Grant, Dominican University \$3000 –equipment and supplies Funding period: 6/1/2008 – 9/1/2008
- Development of an Invertebrate System for Studying Drug Reinforcement Funded via Georgia State University and the Center for Behavioral Neuroscience \$17,487 – salary, equipment and supplies Funding period: 1/3/2007 – 1/3/2008

Management of Congressional Earmarks

 Physiological, Molecular, and Genetic Mechanisms of Long-Term Habituation. DOE grant #DE-FG02-08ER64652, co-PI ~\$572,000 - direct costs / year

Funding period: 9/1/2008 – 8/31/2009, renewed 8/31/2009 – 8/30/2010

 Purchase of Capital Equipment for Two Laboratories that Support Neuroscience at Dominican University in River Forest, IL

DOE grant #DE-FG02-08CH11516, co-PI \$287,000 – construction and equipment costs Funding period: 9/30/2008 – 12/31/2008

POPULAR PRESS COVERAGE / PUBLIC TALKS

- o Discover (2021). Are humans wired to find the color red seductive?
- o <u>Psychology Today</u> (2020). Is red really the color of seduction?
- o <u>Nature</u> (2019). It's time to talk about ditching statistical significance
- o Quanta (2018). To remember, the brain must forget. Also a Podcast
- o <u>Slate</u> (2017). No, wearing red doesn't make you hotter.
- o <u>New York Magazine</u> (2017). Religious belief and analytical thinking don't necessarily cancel each other out.
- o <u>Nature</u> (2016). Psychologists argue about whether smiling makes cartoons funnier
- o Lund-Gill Lecture Series (2016). Is science sick?
- o Caritas & Veritas Lecture (2013). If your brain offends thee, pluck parts of it out: Neurotech for moral perfection.

PUBLICATIONS

Peer-Reviewed Articles and Book Chapters, * indicates undergraduate co-author

- 1. Wurm L, Vakoch D, Strasser M, Ross S, & Calin-Jageman RJ. (2001). Speech perception and vocal expression of emotion. *Cognition and Emotion*, *15*: 831-52.
- 2. *Calin-Jageman RJ & Fischer, TM. (2003). Temporal aspects of an environmental stimulus influence the dynamics of behavioral regulation of the *Aplysia* SWR. *Behavioral Neuroscience*, 117: 555-65. PMID: 12802884.
- 3. Calin-Jageman, RJ & Fischer TM. (2003). Synaptic augmentation contributes to environment-driven regulation of the *Aplysia* siphon-withdrawal reflex. *Journal of Neuroscience, 23*: 11611-20. PMID: 14684863.
- 4. Calin-Jageman RJ & Ratner HH. (2005). The role of encoding in the self-explanation effect. *Cognition and Instruction, 23:* 523-43..
- 5. Tian H, Sunderraman R, Calin-Jageman RJ, Yang H, Zhu Y & Katz PS. (2006). NeuroQL: A domainspecific query language for neuroscience data. *Lecture Notes in Computer Science*, 4254: 613-624.
- 6. ***Calin-Jageman RJ** & Katz PS (2006). A Distributed Computing Tool for Generating Neural Simulation Databases. *Neural Computation* 19, 1-5. PMID: 17052151.
- 7. *Calin-Jageman RJ & Fischer TM (2007). Behavioral adaptation of the *Aplysia* siphon-withdrawal response is accompanied by sensory adaptation. *Behavioral Neuroscience*, 121: 200-11. PMID: 17324064.
- 8. **Calin-Jageman RJ**, Xie C, Pan Y, Vandenberg A & Katz PS (2007) NEURONgrid: A toolkit for generating parameter-space maps using NEURON in a grid environment. *LNCS Bioinformatics*, 4463: 182-191.
- 9. **Calin-Jageman RJ**, Chen Y, Dhawan A, Frederick C, Phoungphol P, Prasad SK, Sunderraman R, Wang H-C, Yang H, Zhu Y & Katz PS (2007). Development of NeuronBank: A federation of customizable knowledge bases for neural circuitry. *IEEE Services Computing Workshop*.
- *Calin-Jageman RJ, Tunstall M, Mensh B, Katz PS, & Frost WN (2007). A computational analysis of intrinsic and extrinsic control of rhythmic neural activity in the *Tritonia* swim central pattern generator. *Journal of Neurophysiology*, 98: 2382-98. PMID: 17652417
- 11. *Sakurai A, **Calin-Jageman RJ*** & Katz PS (2007). The potentiation phase of spike timing-dependent neuromodulation by a serotonergic interneuron involves an increase in the fraction of transmitter release. *Journal of Neurophysiology*, *98*: 1975-87. PMID: 17686912 (co-first author).
- 12. *Clemens S, Calin-Jageman RJ & Katz PS (2007). Altering cAMP levels within a central pattern generator modifies or disupts rhytmic motor output. *Journal of Comparative Physiology*, 193: 1265-71. PMID 17972082.
- 13. Calin-Jageman RJ & Katz PS (2009). Neuromodulation. *Encyclopedia of Neuroscience*, (L.R. Squire, Editor). Oxford: Academic Press.
- 14. *Katz PS, Calin-Jageman RJ, Dhawan A, Frederick C, Guo S, Dissanayaka R, Hiremath N, Ma W, Shen X, Wang HC, Yang H, Prasad S, Sunderraman R, Zhu Y (2010). NeuronBank: A tool for cataloging neuronal circuitry. *Frontiers in Systems Neuroscience*, 4:9. PMID: 20428500
- *Bonnick K*, Bayas K*, Belchenko D*, Cyriac A*, Dove M*, McBride B*, Calin-Jageman IE & Calin-Jageman RJ (2012). Transcriptional changes following long-term sensitization training and *in vivo* serotonin exposure in *Aplysia californica.* PLOS One, 7(10): e47378, PMID: 23056638.
- Cyriac A*, Holmes G*, Lass J*, Belchenko D*, Calin-Jageman RJ, & Calin-Jageman IE. (2013). An Aplysia Egr homolog is rapidly and persistently regulated by long-term sensitization training. *Neurobiology of learning and memory*, 102:43-51. PMID: 23567107

- 17. *Herdegen S, *Conte C, *Kamal S, Calin-Jageman RJ & Calin-Jageman IE (2014). Immediate and Persistent Transcriptional Correlates of Long-Term Sensitization Training at Different CNS Loci in Aplysia californica. PLoS One, 9(12): e114481. PMID: 25486125.
- *Herdegen S, *Holmes G, *Cyriac A, Calin-Jageman IE, & Calin-Jageman RJ (2014). Characterization of the rapid transcriptional response to long-term sensitization training in Aplysia californica. *Neurobiology of Learning and Memory*, 116:27-35. PMID: 25117657
- 19. Calin-Jageman RJ, & Caldwell TL (2014). Replication of the Superstition and Performance Study by Damisch, Stoberock, and Mussweiler (2010). Social Psychology, 45(3), 239-245. doi:10.1027/1864-9335/a000190
- *Holmes G, *Herdegen S, *Schuon J, *Cyriac A, *Lass J, *Conte C, Calin-Jageman, IE & Calin-Jageman RJ (2015). Transcriptional analysis of a whole-body form of long-term habituation in Aplysia californica. *Learning and Memory*, 22(1): 11-23. PMID: 25512573.
- Olivo RF, Burdo JR, Calin-Jageman RJ, Grisham WE, Linden ML, Rosenberg RL, Symonds LL, Thornton JE. (2015). ERIN: A portal to resources for higher education in neuroscience. *Journal of Undergraduate Neuroscience Education*, 13(3): A126-30. PMID: 26240519.
- 22. Pliske RM, Caldwell TL, **Calin-Jageman RJ** & Taylor-Ritzler T (2015). Demonstrating the effectiveness of an integrated and intensive research methods and statistics course sequence. *Teaching of Psychology*, 42(2), 153–156. doi:10.1177/0098628315573139
- *Cusack M, *Vezenkova N, *Gottschalk C, & Calin-Jageman RJ (2015). Direct and conceptual replications of Burgmer & Englich (2012): Power may have little to no effect on motor performance. PLOS ONE, 10(11), e0140806. doi:10.1371/journal.pone.0140806
- 24. *Moery E & **Calin-Jageman RJ** (2016). Direct and conceptual replications of Eskine (2013): Organic food exposure has little to no effect on moral judgements and prosocial behavior. *Social Psychology and Personality Science*, 7 (4): 312-319. 10.1177/1948550616639649.
- Wagenmakers EJ...*Chasten K, Calin-Jageman RJ, Caldwel T & others (2016). Registered Replication Report: Strack, Martin & Stepper (1988). Perspectives in Psychological Science, 11(6): 917-28 10.1177/1745691616674458.
- 26. Calin-Jageman RJ. (2017). Cartoon Network : A tool for open-ended exploration of neural circuits. *Journal of Undergraduate Neuroscience Education*, 16(1), 41–45.
- 27. Calin-Jageman RJ. (2017). After p Values: The New Statistics for Undergraduate Neuroscience Education. Journal of Undergraduate Neuroscience Education, 16(1), E1–E4.
- Katz, P. S., & Calin-Jageman, RJ. (2017). Neuromodulation. In L. Squire (Ed.), Reference Module in Neuroscience and Biobehavioral Psychology (Vol. 6, pp. 497–503). Elsevier. <u>https://doi.org/10.1016/B978-0-12-809324-5.02300-2</u>
- *Sanchez, C., Sundermeier, B., Gray, K., & Calin-Jageman RJ. (2017). Direct replication of Gervais & Norenzayan (2012): No evidence that analytic thinking decreases religious belief. *PLOS ONE*, *12*(2), e0172636. <u>https://doi.org/10.1371/journal.pone.0172636</u>
- 30. *Lehmann, G. K., & Calin-Jageman RJ. (2017). Is Red Really Romantic? *Social Psychology*, *i*(3), 1–10. https://doi.org/10.1027/1864-9335/a000296
- *Conte, C., *Herdegen, S., *Kamal, S., *Patel, J., *Patel, U., *Perez, L., Rivota, M., Calin-Jageman RJ, Calin-Jageman, I. E. (2017). Transcriptional correlates of memory maintenance following long-term sensitization of Aplysia californica. *Learning & Memory*, 24(10), 502–515. <u>https://doi.org/10.1101/lm.045450.117</u>
- Calin-Jageman, R. J. (2017). After p Values: The New Statistics for Undergraduate Neuroscience Education. Journal of Undergraduate Neuroscience Education : JUNE : A Publication of FUN, Faculty for Undergraduate Neuroscience, 16(1), E1–E4. Retrieved from <u>http://www.ncbi.nlm.nih.gov/pubmed/29371851</u>
- 33. Calin-Jageman, R. J. (2017). Cartoon Network: A tool for open-ended exploration of neural circuits. Journal of Undergraduate Neuroscience Education : JUNE : A Publication of FUN, Faculty for Undergraduate Neuroscience, 16(1), A41–A45. Retrieved from <u>http://www.ncbi.nlm.nih.gov/pubmed/29371840</u>
- Lehmann*, G. K., Elliot, A. J., & Calin-jageman, R. J. (2018). Meta-Analysis of the Effect of Red on Perceived Attractiveness. *Evolutionary Psychology*, 1–27. <u>http://doi.org/10.1177/1474704918802412</u>
- 35. Calin-Jageman, R. J., Calin-Jageman, I. E., Acosta, V. M., Hardwick, J., Johnson, B. R., & Wiertelak, E. (2018). Best Practices for Developing, Assessing, and Sustaining Inclusive Curricula: Proceedings of the 2017 Faculty for Undergraduate Neuroscience Workshop. *Journal of Undergraduate Neuroscience Education*, 16(3), A42–A43. <u>http://www.ncbi.nlm.nih.gov/pubmed/30254529</u>
- 36. Calin-Jageman, R. J. (2018). Cartoon Network Update: New Features for Exploring of Neural Circuits. *Journal of Undergraduate Neuroscience Education*, 16(3), A195–A196. <u>http://www.ncbi.nlm.nih.gov/pubmed/30254530</u>

- Patel*, U., Perez*, L., Farrell*, S., Steck*, D., Jacob*, A., Rosiles*, T., Krause*, E., Nguyen*, M., Calin-Jageman, R., J. & Calin-Jageman, I. E. (2018). Transcriptional Changes Before and After Forgetting of a Long-Term Sensitization Memory in Aplysia californica. *Neurobiology of Learning and Memory*, 155(August), 474–485. http://doi.org/10.1016/j.nlm.2018.09.007
- *Perez, L., *Patel, U., *Rivota, M., Calin-jageman, I. E., & Calin-Jageman RJ. (2018). Savings memory is accompanied by transcriptional changes that persist beyond the decay of recall. *Learning & Memory*, 25, 1–5. <u>https://doi.org/10.1101/lm.046250.117.25</u>
- Calin-Jageman, R. J. (2018). Direct replications of Ottati et al. (2015): The earned dogmatism effect occurs only with some manipulations of expertise. *Journal of Experimental Social Psychology*, 78(April 2017), 240–249. <u>http://doi.org/10.1016/j.jesp.2017.12.008</u>
- 40. Calin-Jageman, R. J. (2018). The New Statistics for neuroscience majors : Thinking in effect sizes. *The Journal of Undergraduate Neuroscience Education*, 16(2), E21-25. <u>http://doi.org/10.17605/OSF.IO/ZVM9A</u>
- 41. Calin-Jageman, R. J., & Cumming, G. (2019). The New Statistics for better science: Ask how much, how uncertain, and what else is known. *The American Statistician*, 73(sup1), 271–280. http://doi.org/10.1080/00031305.2018.1518266
- 42. Calin-Jageman R. J., Cumming G (2019). Estimation for better inference in neuroscience. *Eneuro* 6. <u>https://doi.org/10.1523/ENEURO.0205-19.2019</u>
- 43. Morling, B., & Calin-Jageman, R. J. (2020). What Psychology Teachers Should Know About Open Science and the New Statistics. *Teaching of Psychology*, 47(2), 169–179. <u>https://doi.org/10.1177/0098628320901372</u>
- *Rosiles, T., *Nguyen, M., *Duron, M., *Garcia, A., *Garcia, G., *Gordon, H., *Juarez, L., Calin-Jageman, I. E., & Calin-Jageman, R. J. (2020). Registered Report: Transcriptional Analysis of Savings Memory Suggests Forgetting is Due to Retrieval Failure. *Eneuro*, 7(6), ENEURO.0313-19.2020. https://doi.org/10.1523/ENEURO.0313-19.2020
- 45. Wang, K., Goldenberg, A., Dorison, C. A., Miller, J. K, ... Calin-Jageman, R. J., Moshontz, H. (2021). A multi-country test of brief reappraisal interventions on emotions during the COVID-19 pandemic. *Nature Human Behaviour*, 5(8), 1089–1110. <u>https://doi.org/10.1038/s41562-021-01173-x</u>

Student Publications in Peer-Reviewed Journals of Undergraduate Research

- 1. *Geller J & Calin-Jageman RJ (2012) The ecological validity of the self-explanation effect: The deleterious effect of music on self-explanations. *Modern Psychological Studies*, 17(2): 27-35.
- 2. *Petrosko M & Calin-Jageman RJ (2012) Learning and Non-Learning Effects of Ginkgo biloba Extract EGb 761 in *Aphysia californica. Neurogenesis*, Fall 2012.
- 3. *Lehman E (2016). <u>A systematic review of the use of rTMS for treatment-resistent PTSD</u>. Impulse.
- 4. *Paszek A (2017). <u>A meta-analysis of the efficacy of brupropion sustained release for smoking cessation in heavy smokers</u>. *Impulse*.

INVITED TALKS

Calin-Jageman RJ & Fischer TM (2004). Multiple processes contribute to environtmental regulation of the *Aplysia* siphon-withdrawal reflex. *Annual Meeting of the Michigan Chapter of the Society for Neuroscience*.

Calin-Jageman, RJ & Fischer, TM (2005). Synaptic Augmentation Contributes to the Temporal Sensitivity of Environmental Regulation in the *Aplysia* Siphon-Withdrawal Reflect. *Biological and Computational Perspectives on Intelligent Systems*: Friday Harbor, WA.

Calin-Jageman RJ. & Katz PS. (2005). NeuronPM: Parameter-space mapping with Neuron. *Workshop following* Fourteenth Annual Computational Neuroscience Meeting: Madison, WI.

Calin-Jageman RJ (2007). Reminiscenses of a sea slug past: What simple organisms have taught us about learning and memory. *Albertus Magnus Lecture Series*, River Forest, IL.

Calin-Jageman RJ (2008). Building an online neuroscience community. 2008 Mellon Conference: Sharing and Disseminating Innovative Approaches to Teaching Neuroscience in a Liberal Arts College, St. Paul, MN.

Calin-Jageman RJ (2011). Educational Resources in Neuroscience (ERIN): Cognitive and Computational neuroscience resources. Part of the Teaching Workshop at the *Annual Meeting of the Society for Neuroscience*, Washington, DC. W26.

Calin-Jageman RJ & Calin-Jageman IE (2012). An Egr homolog in *Aplysia*? Identification and regulation by activity and experience. Talk given at the 2012 *Molluscan Neuroscience Meeting*, Jupiter, FL.

Calin-Jageman RJ (March 2016). The new statistics, open science, and replication. Smith College.

Calin-Jageman RJ (March 2016). What simpler animals can teach us about long term memories. Mary Elizabeth Dickason King M.D. Annual Lecture Series in the Life Sciences, Smith College.

Calin-Jageman RJ (September 2016). Is Science Sick? Annual Lund-Gill Lecture in the Arts and Sciences, Dominican University.

Calin-Jageman RJ (October 2017). Introduction to the New Statistics and Open Science: How to Get Started. Rosalind Franklin University.

Calin-Jageman RJ (October 2017). Introduction to the New Statistics and Open Science: How to Get Started. Indiana University Lecture Series at the Social Science Research Commons: <u>https://media.dlib.indiana.edu/media_objects/gt54kp23k</u>

Calin-Jageman RJ & Cumming G (November 2017). Alternatives to p values: The New Statistics. *American Statistical Society 2017 Conference on Statistical Inference*, Bethesda, MD.

Calin-Jageman RJ (October 2017). Sample-Size Planning, part of a Professional Development Workshop on Improving Science, 2017 Meeting of the Society for Neuroscience, Washington, DC.

*Perez L, Calin-Jageman RJ & Calin-Jageman IE (October 2017). Transcriptional changes can outlast the decay of recall. 2018 Meeting of the Society for Neuroscience, Washington, DC.

Calin-Jageman RJ & Smith T (May 2018). Teaching the New Statistics. *Annual Meeting of the Association for Psychological Science*, San Francisco, CA.

Calin-Jageman RJ (November 2018). The "New Statistics" for Neuroscience, part of a Professional Development Workshop on Improving Science, 2018 Meeting of the Society for Neuroscience, Washington, DC.

Calin-Jageman RJ (December 2018). Better science with the New Statistics. Invited workshop in the department of Molecular and Cellular Biology department, Havard University, Cambridge, MA.

Calin-Jageman RJ (January 2019) Training Better Scientists with a Better Stats Curriculum: Estimation, Metaanalysis, and Open Science. Invited workshop for the *2019 NITOP Meeting*, Saint Petersburg, FL.

Calin-Jageman RJ (February 2019) Sample-size planning. Invited workshop in the department of Molecular and Cellular Biology department, Havard University, Cambridge, MA.

Calin-Jageman RJ (March 2019) Training Better Scientists with a Better Stats Curriculum: Estimation, Metaanalysis, and Open Science. Invited workshop for the 2019 Midwstern Psychological Association Meeting, Chicago, IL.

Calin-Jageman RJ & Smith T (May 2019). Teaching the New Statistics II. *Annual Meeting of the Association for Psychological Science*, Washington, DC.

Calin-Jageman RJ (October 2019). The Perils of Poor Planning, part of a Professional Development Workshop on Improving Science, 2019 Meeting of the Society for Neuroscience, Chicago, IL

Calin-Jageman RJ (October 2019). The New Statistics for Better Science, Open Statistics Open Eyes Conference, University of Bologna, Cesena, Italy

Calin-Jageman RJ (November 2019) In it for the long-term: What simple animals can teach us about forming, maintaining, and forgetting memories. Invited talk at Valparaiso University, Vsalparaiso, IN

Calin-Jageman RJ (January 2020). Better science with the New Statistics. Invited workshop in the department of Molecular and Cellular Biology department, Havard University, Cambridge, MA.

Calin-Jagmena RJ (February 2020) What we've learned about forgetting. Invited talk in the neuroscience program at Indiana University Purdue University Indianapolis, Indianapolis, IN.

Calin-Jagmena RJ (February 2020) Getting started teaching the New Statistics. Invited workshop for faculty in the psychology department at at Indiana University Purdue University Indianapolis, Indianapolis, IN.

Calin-Jageman RJ (June 2020) Getting started with the 'new statistics': Estimation for All. Invited online workshop for the 2020 Meeting of the Society for Improving Psychology.

Calin-Jagmena RJ (July 2020) The new statistics for better science: Ask how much, how uncertain, and what else is known. Invited workshop for faculty in the psychology department at at University of Aukland, Aukland, New Zealand.

Calin-Jagmena RJ (August 2020) Estimation, Meta-Analysis, and Open-Science! Invited workshop for faculty in the psychology department at at Long Island University, New York, NY.

Calin-Jageman RJ (December 2020). Better science with the New Statistics. Invited workshop in the department of Molecular and Cellular Biology department, Havard University, Cambridge, MA.

Calin-Jageman RJ & Smith T (May 2021). Teaching the New Statistics III. Invited workshop in the department of Psychology, University of Delaware, Newark, DE.

AWARDS AND ACHIEVEMENTS

- Marc Leo Amateur Comedian Scholarship, 1992
- Consol Inc. Scholar, 1994-1998
- National Merit Scholar, 1994-1998
- PNC Bank Scholastic Excellence Scholarship, 1996
- Albion College P250 Scholarship, 1996
- Albion College Presidential Scholar, 1994-1998
- Wayne State University Rumble Fellowship, 1998 and 2000
- Second place, graduate student poster competition, Wayne State Psychology Research Day, 2000
- Second place, graduate student poster competiton, Wayne State Graduate Student Research Day, 2001
- First place, graduate student poster competition, annual meeting of the Michigan Chapter of the Society for Neuroscience, 2002
- Julie A. Thomas Award, Wayne State Psychology Department, 2004
- Competitive dissertation fellowship, Wayne State College of Science, 2004
- Duncan McCarthy Award, Michigan Chapter of the Society for Neuroscience, 2004
- First place, Atlanta Society for Neuroscience Poster Competition, Post-Doc Level, 2006
- Distinguished Service Award, Faculty for Undergraduate Neuroscience, 2012
- Excellence in Teaching and Leadership Award, Dominican University, 2016
- Distinguished Service Award, Faculty for Undergraduate Neuroscience, 2017

Awards for Undergraduate Projects Supervised

- 2008, Faculty for Undergraduate Neuroscience Travel Award, Mary Petrosko
- 2008, Brain Science Podcast Blog Mention for her Research, Mary Petrosko
- 2009, 2nd Place, Chicago Society for Neuroscience Undergraduate Poster Award, Mary Petrosko
- 2009, SOMAS award, Benora McBride
- 2009, 3rd Place, Chicago Society for Neuroscience Undergraduate Poster Award, Kristine Bonnick
- 2013, Faculty for Undergraduate Neuroscience Travel Award, Geraldine Holmes
- 2017, 1st Place, Chicago Society for Neuroscience Undergraduate Poster Award, Leticia Perez