Alicia Lynn Hawthorne, Ph.D.

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Education

2003 – 2010 Ph.D., advanced to candidacy July 2005, completed December 2009, conferred May 2010
Dissertation Topic: *The Development and Regeneration of the Serotonergic System*
Department of Neurosciences, Case Western Reserve University, Cleveland, Ohio
Advisor: Dr. Jerry Silver

1999 – 2003 B.A., Majors: Neuroscience, Mathematics (Statistics Concentration); Minor: Psychology
Ohio Wesleyan University, Delaware, Ohio
Magna Cum Laude, University and Departmental Honors
Advisor: Dr. David O. Robbins

Positions

2024 – Present *Senior Lecturer*, Department of Biological Sciences, College of Sciences and Mathematics, Auburn University, Auburn, Alabama

2023 – 2024 *Associate Professor*, Burnett School of Biomedical Sciences, College of Medicine, University of Central Florida, Orlando, Florida

2016 – 2023 *Assistant Professor*, Burnett School of Biomedical Sciences, College of Medicine, University of Central Florida, Orlando, Florida

2016 *Adjunct Instructor*, Burnett School of Biomedical Sciences, College of Medicine, University of Central Florida, Orlando, Florida

2011 – 2015 *Postdoctoral Fellow*, Emory University School of Medicine, Atlanta, Georgia
Research topic: *Promoting CNS regeneration by enhancing local translation through manipulation of mRNA binding protein IMP1*
Dr. Gary J. Bassell, Department of Cell Biology

2010 *Postdoctoral Researcher*, The Ohio State University, Columbus, Ohio

Research topic: *The role of the spleen in the immune response after spinal cord injury*
Dr. Phillip G. Popovich, Center for Brain and Spinal Cord Repair & Department of Neuroscience

Grant Support

2021 – 2022 Course Redesign Initiative (CRI)-Extension Grant, "Post-COVID redesign of Molecular Biology I and II: Active Learning, Course Alignment and Open Educational Resources," Role: Team Lead. Team members: Dr. Ning Sui, Dr. Camilla Ambivero, Dr. Kersten Schroeder, University of Central Florida

2018 – 2020 Quality Enhancement Program (QEP) "What's Next in Biomedical Sciences", Role: Co-Investigator with Dr. William Self (PI), University of Central Florida

01/01/2013 – 2891; Paralyzed Veterans of America; Role: PI; 70% effort.
12/31/2014 *Promoting regeneration after SCI through local protein synthesis*. TDC per year $50,000.

Teaching Experience

Auburn University
BIOL 1020: Principles of Biology (3 credit hours).
BIOL 1030: Organismal Biology (3 credit hours).
BIOL 2500: Human Anatomy & Physiology (3 credit hours).
BIOL 2507: Honors Human Anatomy & Physiology (3 credit hours).
BIOL 3000: Genetics (3 credit hours).
BIOL 4970: Special Topics in Neurobiology (3 credit hours).

University of Central Florida
BCH 4024: Medical Biochemistry (4 credit hours).
BSC 3403C & BSC 3403C Honors: Quantitative Biological Methods Lecture and Lab (4 credit hours).
MCB 3933: Biomedical Sciences Careers (3 credit hours, 35-40 students, fall).
MCB 4941: Clinical Internship Program (1 credit hour).
PCB 3522: Molecular Biology I (3 credit hours).
PCB 4524: Molecular Biology II (3 credit hours).
PCB 4529C: Experimental Molecular Cell Biology Lab (1 credit hour).
PCB 4843/5837: Cellular and Molecular Neuroscience (3 credit hours).

PCB 4943: Peer Instruction and Laboratory Occupational Training (PILOT) (3 credit hours)

ZOO 3744 & 3744H Honors: Neurobiology (3 credit hours).

ZOO 4955: Foundations of Anatomy: From Antiquity to Modern Medicine (3 credit hours). Study Abroad.

ZOO 4955: Historical Contributions to Medicine (3 credit hours). Study Abroad.

ZOO 4955: Icons of Neuroscience Study Abroad (1 credit hour). Study Abroad.

Honors and Awards

Auburn University

2026 Biological Sciences' Outstanding Lecturer Teaching Award

UCF

2022 Featured in Provost and Academic Affairs' "Why I Teach" @UCFAcademics Twitter spotlight, University of Central Florida

2021 Teaching Incentive Program (TIP), University of Central Florida

2021 Women's History Month honoree, University of Central Florida

2021 Excellence in Undergraduate Teaching Award, College of Medicine, University of Central Florida

2020 Outstanding Undergraduate Educator Award, College of Medicine, University of Central Florida

2020 – 2021 NACE Competency Faculty Champion with Career Services, University of Central Florida

2016, 2017, 2021 – 2023 Teaching Faculty Development Award, Burnett School of Biomedical Sciences, University of Central Florida

Service and Outreach

Acronym AU Auburn University

2025 – 2026 First Year Experience Faculty Panel, AU

2025 – Present Curriculum Committee member, Department of Biological Sciences, AU

2025 – 2026 Alabama State Science Olympiad leader for Anatomy and Physiology, Department of Biological Sciences, AU

2025 – Present MSF student group faculty advisor, AU

2025 – Present GeoExplorer volunteer, Department of Geosciences, AU

2025 Girl Scouts volunteer, presentation on careers in science and medicine, Auburn

2025 Alabama Science and Engineering Fair volunteer, AU

Acronym UCF University of Central Florida

2024	University level Order of Pegasus Selection Committee Member, UCF
2023 – Present	Advisor to Premed-AMSA student organization, UCF
2022 – Present	Guest speaker at Neuroscience Alliance on Careers in Neuroscience, UCF
2016 – Present	Chair, Undergraduate Awards Committee, College of Medicine, UCF
2018 – Present	Chair, Marisa Gennaro Scholarship Committee, College of Medicine, UCF
2019 – 2024	Judge, Orlando Society for Neuroscience High School Brain Bee competition, UCF
2023	College of Medicine Teaching Incentive Program (TIP) Committee Member, UCF
2022 – 2023	UCF Brain Bee Representative at national/international Society for Neuroscience conference
2022	Abstract reviewer, Florida Undergraduate Research Conference, Orlando, Florida
2022	Career day virtual talk to Girl Scouts in Akron, Ohio
2022	Neuroscientist presentation, Teach-In at Partin Elementary 2nd and 5th grade classes
2018 – 2021	University Athletics Advisory Committee, UCF
2021	Judge, Student Scholar Symposium, Undergraduate and Graduate Posters, UCF
2020, 2021	Guest lecturer for Select Medical Careers regarding the Clinical Internship Program and preparing for medical school, UCF
2021	Presented career paths in neuroscience to the Neuroscience Alliance, UCF
2021	Featured in video for acclimating transfer students, UCF
2021	Brain Awareness Week Presentation, Partin Elementary 1st grade class
2020	Presented the Clinical Internship Program to the Pre-Professional Medical Society, UCF
2020	Facilitated Journal Club for Pre-SOMA, UCF
2018	Panelist for the Letters of Recommendation Writer Panel, co-sponsored by Pre-Health and Pre-Law Advising and the Pre-dental Student Association, UCF
2018	Judge, Showcase of Research Excellence (SURE), UCF
2012, 2013, 2015	Judge, The Annual Graduate Division of Biological and Biomedical Sciences (GDBBS) Division Student Advisory Council (DSAC) Student Research Symposium, Emory University
2014	Moderator, Applying and Interviewing for Academic Jobs, Emory University
2011	Judge, Neuroscience First Year Graduate Student Poster Presentations, Emory University
2011 – 2015	Member, Emory Postdoctoral Fellow Research Symposium Committee, Emory University
2010	Judge, Denman Undergraduate Research Forum, The Ohio State University
2008 – 2013	Member, Alumni/Parent Admission Recruitment Team, Ohio Wesleyan University
2008 – 2009	Liaison, Annual student-invited speaker seminar series, Case Western Reserve University
2008	Judge, Intersections: Symposium and Poster Session, Case Western Reserve University

2008 – 2009 Founder, New Student Acclimation Committee, Biomedical Graduate Student Organization, Case Western Reserve University

2006 – 2008 Neurosciences Senator, Graduate Student Senate, Case Western Reserve University

2006 – 2008 Member, Judging Committee, Biomedical Graduate Student Research Symposium Organizing Committee, Case Western Reserve University

Publications

Students of Alicia Hawthorne are underlined.

Scholarship Of Teaching and Learning Publications

1. A. deNoyelles, C. Knox, C. Edmonson, **A. Hawthorne**, A. Miller, J. O'Connor, S. Singer, L. Thiamwong, and J. M. Toyne. 2021. Online Together: Faculty Virtual Writing Club. *UCF Faculty Focus* 20(1): 14-15. *First author indicates greatest importance of contribution, remaining authors in alphabetical order.*

Scholarship Of Teaching and Learning Abstracts

First author indicates greatest importance of contribution.

1. **A.L. Hawthorne**. 2025. Short Term Study Abroad for the Bench Sciences: Exploring Science History and International Culture. *2025 International Perspectives on Undergraduate Teaching and Learning (IPUTL)*. Orlando, FL.
2. **A.L. Hawthorne** and T. L. Chiarelli. Neuroscience and Medicine Study Abroad Trip to Austria and Germany: Course Design and Student Feedback. *Program No. TJP04.11SU. 2023 Neuroscience Meeting Planner.* Washington, D.C.: Society for Neuroscience, 2023. Online.
3. **A.L. Hawthorne.** 2022. Three case studies to teach anosmia causes and outcomes to introductory neuroscience students in large or small classes. *2022 Neuroscience Meeting Planner.* San Diego, CA: Society for Neuroscience, 2022. Online.
4. **A.L. Hawthorne.** 2021. Exploring Gustation: Supertaster Activity and Results for Introductory Undergraduate Neuroscience Courses. *2021 Neuroscience Meeting Planner.* Virtual: Society for Neuroscience. Online.
5. **A.L. Hawthorne.** 2021. Converting a large, face-to-face Neurobiology course to online, remote teaching: Replacing attendance with metacognition, course feedback, and job readiness. *2021 Neuroscience Meeting Planner*. Chicago, IL: Society for Neuroscience. Online [Note: this is the 2020 conference held late because of COVID-19.]
6. **A.L. Hawthorne.** 2019. Development and implementation of a new high-impact mixed-mode professionalism course for Biomedical Sciences majors at a large university: Biomedical Sciences Careers. *2019 Neuroscience Meeting Planner.* Chicago, IL: Society for Neuroscience. Online.
7. **A.L. Hawthorne,** E. Bradshaw, S.J. King. 2017. Utilizing quantitative neuroscience methods to illustrate

cytoskeletal changes in a lab-based cell biology course. *2017 Neuroscience Meeting Planner.* Washington, D.C.: Society for Neuroscience. Online.

UCF Student Publications (Products of HIM, Capstone, & Course-based Research)

Students listed first in order of contribution unless otherwise noted, principal investigators listed last.

1. **Chair** for Corripio, Kasey. "Evaluating Digital Cognitive Biomarkers as a Noninvasive Diagnostic Tool for Alzheimer's Disease: Correlations with Classic CSF Biomarkers" (2023). Honors Undergraduate Theses. 1342.
2. **Chair** for Shahzad, Zounaira. "Investigating the Effects of Paraquat on Kidney Disease Biomarkers in HEK293 Cells" (2023). Honors Undergraduate Theses. 1420.
3. Farnum, Jenna and **Hawthorne, Alicia L.** (2023) "Synthetic Dye Yellow No. 5 (Tartrazine) Short-Term Exposure Lowers Sod1 mRNA expression in Mouse Neuro2A Neurons *in vitro.*" *IMPULSE:* 20(1). https://impulse.pubpub.org/pub/ho59xfug
4. **Co-chair** for Dantas, Victor Figuiera M. "Intractable Pediatric Epilepsy and Dietary Therapies: A Meta-analysis of Trials for Seizure Reduction" (2022). Honors Undergraduate Theses. 1314.
5. Williams, Marnie and **Hawthorne, Alicia L**. "Key Features, Discoveries, and the Future of Parkinson's Disease." *Under revision in IMPULSE.*
6. **Chair** for Farnum, Jenna, "Tartrazine: FD&C Yellow No. 5 Exposure Effects within Accepted Daily Intake Observed *in vitro* and *in vivo* models" (2022). Honors Undergraduate Theses. 1133.
7. **Chair** for Barthel, Justin, "Characteristics of COVID-19 Vaccine-Hesitant UCF College Students and Potential Avenues for Increasing Vaccination Rates" (2022). Honors Undergraduate Theses. 1112.
8. **Chair** for Huber, Carly, "Awareness of Genetic Predispositions that Increase the Risk of Breast Cancer" (2021). Honors Undergraduate Theses. 1022.
9. **Co-chair** for Durkin, Elizabeth, "COVID-19 Infection in Hypertensive Patients in Correlation with Race" (2021). Honors Undergraduate Theses. 964.
10. **Chair** for Le, Cathy, "Promotion of Neuronal Regeneration: Upregulation of Intrinsic Neuronal Growth Capacity versus Microtubule Stabilization" (2020). Honors Undergraduate Theses. 852.
11. **Chair** for Shah, Jil, "Investigation of the Cell-Cycle Dependent Activity of the BRCA1-Rbbp8 Complex for Homologous Recombination" (2019). Honors Undergraduate Theses. 527.
12. **Chair** for Dobrie, Lauren, "The Effects of Matrix Metalloproteinase-9 on CX3CL1 Shedding and Axon Retraction" (2019). Honors Undergraduate Theses. 506.
13. **Advisor** for Scudlo, Catherine, "Drug Targets of Alzheimer's Disease" (2017) Master's Capstone.

UCF Student Abstracts (Products of HIM, PILOT, Course-based Research)

Students listed first in order of contribution unless otherwise noted, principal investigators listed last.

1. E.S. Larson and **A.L. Hawthorne**. Evaluation of the Morphological Changes and Genotoxic Effects of

Sodium Benzoate on Neuro-2a Cells *In Vitro*. *2025 UCF Student Scholar Symposium.*

2. E.S. Larson and **A.L. Hawthorne**. Evaluation of Potential Damages Caused by Sodium Benzoate on Neuro-2a Cells. *2024 UCF Student Scholar Symposium.*
3. W. Lim and **A.L. Hawthorne**. Examining the Effects of Artemisia annua Extracts on Neuro2A Cells. *2024 UCF Student Scholar Symposium.*
4. E.S. Larson and **A.L. Hawthorne**. Evaluation of Potential Damages Caused by Sodium Benzoate on Neuro-2a Cells via Morphology Changes, Cell Death, and Genotoxicity. *2024 Florida Undergraduate Research Conference..*
5. W. Lim and **A.L. Hawthorne**. Examining the Effects of Artemisia annua Extracts on Neuro2A Cells. *2024 Florida Undergraduate Research Conference..*
6. W. Lim and **A.L. Hawthorne**. Professional Development for Graduate School: ePortfolio and Networking. *High Impact Practices Student Showcase Fall 2023, UCF.*
7. K. Corripio and **A.L. Hawthorne**. Evaluating Digital Cognitive Biomarkers as a Noninvasive Diagnostic Tool for Alzheimer's Disease: Correlations with Classic CSF Biomarkers. *2023 UCF Student Scholar Symposium.*
8. Z. Shahzad and **A.L. Hawthorne**. Investigating the Effects of Paraquat on Kidney Disease Biomarkers in HEK293 Cells. *2023 UCF Student Scholar Symposium.*
9. Z. Shahzad and **A.L. Hawthorne**. Investigating the Effects of Paraquat on Kidney Disease Biomarkers in HEK293 Cells. *2023 Florida Undergraduate Research Conference.*
10. J.L. Farnum and **A.L. Hawthorne**. Synthetic dye yellow no. 5 (Tartrazine) short-term exposure lowers Sod1 mRNA expression in mouse Neuro2A neurons *in vitro*. *Program No. 707.19. 2022 Neuroscience Meeting Planner.* San Diego, CA: Society for Neuroscience, 2022. Online.
11. J.L. Farnum and **A.L. Hawthorne**. Examining the Effects of Synthetic Dye Yellow No. 5 (Tartrazine) Exposure on Mouse Neuro2A Neurons *in vitro*. *2022 UCF Student Research Week.*
12. J. Barthel, S. Whitten, **A.L. Hawthorne**. Exploring COVID-19 Vaccine Hesitancy in UCF College Students. *2022 UCF Student Research Week.*
13. J.L. Farnum and **A.L. Hawthorne**. Examining the Effects of Synthetic Dye Yellow No. 5 (Tartrazine) Exposure on Mouse Neuro2A Neurons *in vitro*. *2022 Florida Undergraduate Research Conference.* Online.
14. D. Faketty, X. Zhu and **A.L. Hawthorne**. UCF Students' Knowledge of Sexually Transmitted Diseases. Orlando, FL: 2021 UCF Student Scholar Symposium, virtual.
15. E.-N. Emperio[#], W. H. Shaw[#], J. Sullivan[#], E. Bradshaw* and **A.L. Hawthorne***. Quantifying the Mutagenic Potential of BPA Analogs on Mouse L-Fibroblast Cell Lines *in vitro*. Orlando, FL: 2020 UCF *Showcase of Undergraduate Research, accepted,* presentation cancelled due to COVID-19.
16. C. Le and **A.L. Hawthorne**. The Combinatorial Effect of Constitutively Active Rheb and Taxol on Axon

Outgrowth *in vitro* on Inhibitory and Growth-Promoting Substrates. Orlando, FL: 2020 UCF *Showcase of Undergraduate Research, accepted,* presentation cancelled due to COVID-19.

17. L. Lenkiu*, A. Balfour*, L. Gavric*, D. Engel and **A.L. Hawthorne**. Constitutively Active Rheb-mCherry Cloning Strategy for Co-Transfection in Neuronal Neuro2a and F11 Cell Lines. Orlando, FL: 2020 UCF *Showcase of Undergraduate Research, accepted,* presentation cancelled due to COVID-19.
18. L. Lenkiu, A. Balfour, L. Gavric, D. Engel, and **A. Hawthorne**. Constitutively active Rheb-mCherry cloning strategy for co-transfection in neuronal Neuro2a and F11 Cell Lines. Presented at Central Florida Neuroscience Alliance Student Symposium. February 2020. Orlando, FL.
19. E.-N. Emperio#, W. H. Shaw#, J. Sullivan#, M. Rizer, J. Chang, **A.L. Hawthorne*** and E. Bradshaw*. Quantifying The Mutagenic Potential Of BPA Analogs On Mouse L-Fibroblast Cell Lines *in vitro*. Fort Meyers, FL: *2020 Florida Undergraduate Research Conference.* Online.
20. C. Le, L. Benitez, L. Martin, N. Aleger, and **A.L. Hawthorne**. The combinatorial effect of constitutively active Rheb and Taxol on axon outgrowth *in vitro*. Fort Meyers, FL: *2020 Florida Undergraduate Research Conference.* Online.
21. L. Lenkiu*, D. Engel*, L. Gavric*, A. Balfour* and **A.L. Hawthorne**. Constitutively Active Rheb Cloning Strategy for neuronal cell lines. Fort Meyers, FL: *2020 Florida Undergraduate Research Conference.* Online.
22. L. R. Benitez-Ramos*, L. Martin*, C. Le*, N. Aleger, V. Velez, **A.L. Hawthorne**. 2019. The combinatorial effect of constitutively active Rheb and Taxol on axon outgrowth *in vitro* on inhibitory and growth-promoting substrates. *2019 Neuroscience Meeting Planner.* Chicago, IL: Society for Neuroscience. Online.
23. D. Engel, L. Lenkiu, L. Gavric, A. Balfour, and **A. Hawthorne.** Constitutively active Rheb molecular recombination for transfection in Neuro2a and F11 Cell Lines. Presented at *American Medical School Association's Research Symposium*. November 2019. Orlando, FL.
24. M. Rizer*, T. Dao*, J. Chang*, E. Bradshaw#, **A. Hawthorne**.# 2019. Mutagenic Potential of BPA Alternatives on Mouse Fibroblast and Neuronal Cells *in vitro*. Jacksonville, FL: *2019 Florida Undergraduate Research Conference.* Online.
25. U. Haider*, M. Lazarchik*, E. Bradshaw, Ph.D., **A.L. Hawthorne**. 2018. Analysis of Mutation Frequencies and a Novel Point Mutation in ALS-linked Gene TARDBP. Orlando, FL: 2018 UCF *Showcase of Undergraduate Research.*
26. S. Mohamed, V. Lane, C. Hunter, A. Torres, E. Bradshaw, A.L. Hawthorne. 2018. Mutagenic Potential of Phthalates in Mammalian Cells. Orlando, FL: 2018 UCF *Showcase of Undergraduate Research.*
27. N. Perez, S. Peters, E. McElroy, C. De La Rosa, A.L. Hawthorne. 2018. Synaptogenesis in an *In Vitro* Model of Spinal Cord Injury. Orlando, FL: 2018 UCF *Showcase of Undergraduate Research.*
28. L. Evans, H. Mays, A. El-Said, J. Shah, E. Bradshaw, **A. Hawthorne**. 2018. Investigation of Oncogenes

Implicated in the Progression of Spontaneous Cancer-Inducing Mutations. Orlando, FL: 2018 UCF *Showcase of Undergraduate Research.*

29. U. Haider*, M. Lazarchik*, E. Bradshaw, Ph.D., **A.L. Hawthorne**. 2018. Analysis of Mutation Frequencies and a Novel Point Mutation in ALS-linked Gene TARDBP. Gainesville, FL: *2nd Florida Translational Cell Biology Symposium* at the University of Florida.
30. L. Evans, H. Mays, A. El-Said, J. Shah, E. Bradshaw, **A. Hawthorne**. 2018. Investigation of Oncogenes Implicated in the Progression of Spontaneous Cancer-Inducing Mutations. Melbourne, FL: *2018 Florida Undergraduate Research Conference.* Online.
31. N. Abad*, A. Pedian*, I. Tripolli*, H.-H. Huang, E. Bradshaw, **A.L. Hawthorne**. 2017. An investigation of mutation frequencies in cell lines. Boca Raton, FL: *2017 Florida Undergraduate Research Conference*.
32. J.G. Bracamonte*, A. Diaz*, N.B. Conway, K. Marin, **A.L. Hawthorne**. 2017. Overcoming inhibition: an *in vitro* model of the glial scar and its implications on axonal regeneration after spinal cord injury. Orlando, FL: 2017 UCF *Showcase of Undergraduate Research Excellence.*
33. J.G. Bracamonte, A. Diaz, **A.L. Hawthorne**. 2017. F11 and Neuro2a cell line-derived neurons in an *in vitro* model of the glial scar. *2017 Neuroscience Meeting Planner.* Washington, D.C.: Society for Neuroscience. Online.
34. N.B. Conway, **A.L. Hawthorne** 2017. Synaptogenesis of Neuro2a and F11 cell line-derived neurons in an *in vitro* model of extracellular matrix conditions after CNS injury. Orlando, FL: 2017 UCF *Showcase of Undergraduate Research Excellence.*
35. J.K. King, L.M. Wilson, A.W. Hoard, B.Y.Ainuz, **A.L. Hawthorne**. 2017. Differential neurite outgrowth of F11- and Neuro2a-derived neurons on inhibitory and growth-promoting substrates. *2017 Neuroscience Meeting Planner.* Washington, D.C.: Society for Neuroscience. Online.

*, #: Authors contributed equally to this work.

Research articles

First author indicates greatest contribution, principal investigators listed last.

1. J. Farnum and A.L. Hawthorne. IMPULSE: 20(1) (2023). https://impulse.pubpub.org/pub/ho59xfug
2. A.L. Kalinski*, A.N. Kar*, J. Craver, A. Tosolini, J. Sleigh, S.J. Lee, **A. Hawthorne**, P. Brito-Vargas, S. Miller-Randolph, R. Passino, L. Shi, V.S.C. Wong, C. Picci, D.S. Smith, D.E. Willis, L.A. Havton, G. Schiavo, R.J. Giger, B. Langley, and J.L. Twiss. *J Cell Biology*. 218(6):1871-1890. (2019)
3. **A.L. Hawthorne**, H. Hu, B. Kundu, M.P. Steinmetz, C.J. Wylie, E.S. Deneris, and J. Silver. *J Neurosci.* **31(15)**: 5605-16 (2011).
4. **A.L. Hawthorne**, C.J. Wylie, L.T. Landmesser, E.S. Deneris and J. Silver. *J Neurosci.* **30(2)**:420-30 (2010).

5. S.A. Busch, K.P. Horn, F.X. Cuascut, **A.L. Hawthorne**, L. Bai, R. Miller, and J. Silver. *J Neurosci.* **30(1)**:255-65 (2010).
6. K.P. Horn, S.A. Busch, **A.L. Hawthorne**, N. van Rooijen and J. Silver. *J Neurosci.* **28(38)**:9330-9341 (2008).
7. J.M. Massey, J. Amps, M.S. Viapiano, R.T. Matthews, M.R. Wagoner, C.M. Whitaker, W. Alilain, **A.L. Yonkof**, A. Khalyfa, N.G.F. Cooper, J. Silver and S.M. Onifer. *Exp Neurol* **209(2)**:426-445 (2008).
8. J.S. Simske, M. Koppen, P. Sims, J. Hodgkin, **A. Yonkof** and J. Hardin. *Nat Cell Biol* **5(7)**:619-625 (2003).

Reviews

First author indicates greatest contribution, principal investigators listed last.

1. **A.L. Hawthorne.** Repurposing Reelin: the new role of radial glia, Reelin and Notch in motor neuron migration. *Exp Neurol* **256**:17-20 (2014).
2. **A.L. Hawthorne** and P.G. Popovich. Emerging concepts in myeloid cell biology after spinal cord injury. *Neurotherapeutics* **8(2)**: 252-61 (2011).

Book Chapter

First author indicates greatest contribution.

1. J. Silver, K.P. Horn, S.A. Busch and **A.L**. **Yonkof**. *The New Encyclopedia of Neuroscience 2009.* Eds. Larry Squire, Tom Albright, Floyd Bloom, Fred Gage, and Nick Spitzer. Oxford: Elsevier, 1173-1180 (2007).

Selected Research Abstracts

First author indicates greatest contribution, principal investigators listed last.

1. **A.L. Hawthorne,** P.L. Price, J.L. Twiss, and G.J. Bassell. 2014. Program No. 399.17. *2014 Neuroscience Meeting Planner*. Washington, D.C.: Society for Neuroscience. Online.
2. **A.L. Hawthorne,** P.L. Price, J.L. Twiss, and G.J. Bassell. 2013. *2013 Neuroscience Meeting Planner*. San Diego, CA: Society for Neuroscience. Online.
3. **A.L. Hawthorne**, Z. Guan, D.J. Donnelly, and P.G. Popovich. Program No. 154.3 *2010 Neuroscience Meeting Planner*. San Diego, CA: Society for Neuroscience, 2010. Online.
4. **A.L. Hawthorne**, M.P. Steinmetz, C.J. Wylie, E.S. Deneris, and J. Silver. Program No. 32.4. *2009 Neuroscience Meeting Planner*. Chicago, IL: Society for Neuroscience, 2009. Online.
5. **A.L. Hawthorne**, M.P. Steinmetz and J. Silver. Program No. 725.3. *2008 Neuroscience Meeting Planner*. Washington, DC: Society for Neuroscience, 2008. Online.
6. **A.L. Hawthorne**, C.J. Wylie, L.T. Landmesser, E.S. Deneris and J. Silver. Program No. 457.3. *2007 Neuroscience Meeting Planner.* San Diego, CA: Society for Neuroscience, 2007. Online.

7. **A.L. Yonkof**, C.J. Wylie, E.S. Deneris and J. Silver. Program No. 514.24. *2006 Neuroscience Meeting Planner.* Atlanta, GA: Society for Neuroscience, 2006. Online.
8. **A.L. Yonkof**, K.P. Horn, J.H. Miller, M.P. Steinmetz, V. Tom and J. Silver. Program No. 836.12. *2005 Neuroscience Meeting Planner.* Washington, D.C.: Society for Neuroscience, 2005. Online.