

CURRICULUM VITAE

Dolores Bradley Brennan

Vice Provost for Faculty and Associate Vice President for Academic Affairs
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EDUCATION

- 1992-1995 Postdoctoral Research Training Fellow, Yerkes National Primate Research Center of Emory University, Department of Ophthalmology, Emory University School of Medicine and Department of Psychology, Emory University, Atlanta GA.
- 1987-1992 Ph.D. Experimental Psychology, Brown University, Providence RI.
- 1987-1989 Sc.M. Experimental Psychology, Brown University, Providence RI.
- 1981-1985 B.A. (*High Distinction*) Psychology & English (dual), Tennessee State Univ., Nashville TN.

ADMINISTRATIVE POSITIONS

7/2017 -- Vice Provost for Faculty and Associate Vice President of Academic Affairs, Spelman College. Under the direction of the Provost serves as the associate academic officer for the College with the primary role to promote faculty excellence by directing and improving the processes of recruitment, onboarding, retention, professional development, evaluation, tenure, promotion, and related matters. Supervises the faculty affairs personnel (Faculty Support Team and an administrative assistant) of the Provost's Office and has oversight of the Teaching Research and Resource Center, faculty start-ups, Faculty Development Grants, the work of the Faculty Development Committee and other programs in Academic Affairs.

As the Title III Activity Director for Academic Affairs develops and oversees two Title III budgets: Activity #1 – Strengthening Competencies in General Education and the Major (2021-2022 Budget of \$1,062,598); Activity #2 – Enhancing STEAM Education with Innovation, Collaboration and Technology (2021-2022 Budget of \$511,799). In budget year 2021-2022 we will have completed the transformation of all classroom spaces to Active Learning Spaces.

On behalf of the Provost's Office, led the effort to prepare faculty for the move to remote instruction Spring 2020 and to online teaching for Fall. Co-Chair of the Instructional and Research Continuity workgroup of the Path Forward Fall 2020 Task Force; secured funding from Title III and UNCF Mellon to pay faculty stipends for training, and worked with STS to develop a truncated training program for faculty certification for online instruction. Produced the *Instructional Continuity Minute*, a weekly communication to further faculty training and community, and installed *Tech Buddies* for faculty new to instructional technology; surveyed faculty throughout to gauge their needs Spring/Summer 2020 and put resources in place.

Developed, led and/or promoted initiatives for the professional development of department chairs, infusing active learning into the curriculum, faculty scholarship productivity, and new/junior faculty, either internally or in partnership with entities such as the National Center for Faculty Development and Diversity (NCFDD), Faculty Resource Network (FRN), and the Associated Colleges of the South (ACS).

Directed Spelman College's Online Undergraduate Program (SCOUP) (*since 2016*), met or exceeded the target enrollment set by President Schmidt Campbell each year of the pilot phase, going from an enrollment of 62 in Summer 2017 to an enrollment of 579 seats in Summer 2020.

Responsible for document preparation and submission of all SACSCOC data and narratives related to Faculty, as part of the College's successful SACSCOC reaccreditation.

- 2016 -- 2017 Special Assistant to the Provost/Interim Vice Provost of Spelman College, Atlanta, GA. Primary responsibility for leading initiatives for faculty development on behalf of the Provost's Office, Program review, Title III Activity Director, and oversight of the Teaching Research and Resource Center (TRRC) and the work of the Faculty Development Committee (FDC).
- 2014 -- 2016 Chair, Department of Psychology, Spelman College, Atlanta, GA. Instituted regular peer-review of senior and adjunct faculty, to promote professional development opportunities and strengthen pedagogy within the department; initiated start of semester workshops to focus on pedagogy and coordinate course sequence expectations, including part-time faculty; led the development of the new course for first year students *Reading and Writing in Psychology*, to better prepare students for the rigors of a science-based course of study. On average, 1 in 5 graduates is a psychology major.
- 2011 -- 2017 Director of Undergraduate Research, Spelman College, Atlanta, GA; co-wrote and developed programs and workshops for departments to infuse their curricula with the skills of inquiry, beginning in introductory courses, then in scaffolded courses throughout the major, up to a capstone experience that would demonstrate the ability to apply those skills; led a 20 member team of faculty to create a college-wide rubric to evaluate capstone courses. Facilitated or hosted summer workshops related to all phases of the initiative, and led discussions in fall and spring faculty institutes every year; this initiative led to more faculty moving into the Scholarship of Teaching and Learning (SoTL), Active Learning, and a culture of innovations in pedagogy at Spelman.
- 2005-present Director, RISE Undergraduate Research Training Program at Spelman College, funded by the National Institutes of Health (NIH), Atlanta GA (co-director effective Fall 2017). Took an underperforming program on the verge of cancellation and turned it into a model for other RISE programs across the country, going from very few Spelman RISE students entering graduate school to over 80% of program participants going directly into top doctoral programs.
- 2002 -- 2007 Director, Office of Research Development (ORD) at Spelman College, funded by the Extramural Associates Research Development (EARDA) Program, NICHD/NIH, Atlanta GA. Offered professional development initiatives to support faculty in their scholarship, particularly those who had paused their scholarship or were entering a new area of research. Faculty participants worked with consultants and with peers to develop their skills and receive feedback; several faculty were successful to the point of securing external funding for their research and/or presenting their work at conferences and as publications.

ACADEMIC APPOINTMENTS

- 2010 -- present Professor, Department of Psychology, Spelman College, Atlanta GA.
- 1992 -- 2016 Research Associate, Division of Neuropharmacology and Neurologic Diseases (formerly Visual Science), Yerkes National Primate Research Center of Emory University, Atlanta GA.
- 2005 -- 2010 Associate Professor, Department of Psychology, Spelman College, Atlanta GA.
- 2001 -- 2005 Assistant Professor, Department of Psychology, Spelman College, Atlanta GA.
- 2001-present Member, Center for Behavioral Neuroscience, Georgia State University /Emory University.
- 1992 -- 2001 Research Associate, Departments of Psychology and Ophthalmology, Emory University.
- 1992 -- 1995 Research Coordinator/Supervisor, Neuropsychophysics Laboratory, Division of Visual Science, Yerkes Research Center, Emory University, Atlanta GA.
- 1993 -- 1995 Coordinator/Supervisor, Contact Lens Manufacturing Lab, Visual Science.
- 1993 -- 1995 Postdoctoral Training Fellow, Dr. Margarete Tigges, Department of Anatomy and Cell Biology, Department of Ophthalmology, Division of Visual Science at Yerkes Research Center, Emory University. Scientific Interests: Visual perception and development; effects of visual experience on the eye/visual system; physiological optics; visual neuroanatomy and histology; monkeys.

- 1992-- 1993 Postdoctoral Training Fellow, Dr. Ronald Boothe, Department of Psychology, Department of Ophthalmology, Division of Visual Science Yerkes Research Center, Emory University. Scientific Interests: Visual perception and development; effects of visual experience on the eye/visual system; physiological optics; visual psychophysics.
- 1991-1992 Graduate Research Assistant, Dr. Donald S. Blough and Patricia M. Blough, Department of Psychology, Brown University, Providence RI. Scientific Interests: Cognitive neuroscience; visual psychophysics; learning/memory; neural substrates; color vision; pigeons.
- Spring 1990 Graduate Research Assistant, Dr. William Hodos, Department of Psychology, University of Maryland, College Park, College Park, MD. Scientific Interests: Cognitive neuroscience; visual psychophysics; neurosurgery; neuroanatomy; histology; color vision; learning; memory; animal cognition; pigeons.
- 1989 Graduate Research Assistant, Dr. J. Walker, Department of Psychology, Brown University. Scientific Interests: Opiate receptors; pain perception; microinjection techniques; histology; rats.
- 1983-1985 Undergraduate Research Assistant, Dr. Maureen K. Powers, Department of Psychology, Vanderbilt University. Scientific Interests: Visual neuroscience; visual psychophysics; motion detection; animal cognition; goldfish.
- 6-8/1983 Undergraduate Research Assistant (MARC Program), Dr. E. Walker and Dr. S.J. Ceci, College of Human Ecology, Cornell University, Ithaca, NY. Scientific Interests: Cognitive neuroscience; cortical hemisphere dominance; time perception; memory; development; gender; humans.
- 1982-1983 Undergraduate Research Assistant (MBRS (RISE) Program), with Dr. Helen Barrett, Department of Psychology, Tennessee State University, Nashville, TN. Scientific Interests: Cognitive neuroscience; biofeedback training methods to control peripheral physiological activity; humans.

COURSES TAUGHT

Spelman College

Brain and Behavior (laboratory course), Sensation and Perception/Sensory Neuroscience (laboratory course), Psychology of Learning (laboratory course), Advanced Statistics (Stats II), Experimental Design (laboratory course), Independent Study, Honors Research Seminar, Honors Thesis, First Year Experience, Introduction to Reading and Writing in Psychology

Emory University

Psychobiology of Visual Perception, Ocular Physiology & Patho-physiology of Ocular Disease (Guest Lecturer), Neuroscience and Behavioral Biology (NBB) Directed Research Mentor

Brown University (Laboratory Instructor/ Course Teaching Assistant)

Fundamental Learning Processes, Elementary Psychology: An Introduction to Mind and Behavior, Quantitative Methods in Psychology

COLLEGE/UNIVERSITY SERVICE

- 2016-present Title III Activity Director, Coordinator of the Active Learning Spaces Initiative
- 2009 -2013 Spelman College Faculty Tenure and Promotion Committee (Interim 2009, Elected 2010)
- 2010 -2012 Co-Convener of the Ida B. Wells Collaborative of Spelman College (TRRC/Mellon Grant)
- 2009 - 2010 Quantitative Reasoning Fellow of the Mellon Grant to the Teaching Center of Spelman College
- 2009 -2010 Mellon Fellow, Office of Teaching Research and Resources
- 2006 -2009 Member, Faculty Council, Spelman College

- 2005-present Director, RISE Program (NIGMS/NIH)
2003 -2006 Faculty Development Committee (Co-Chair)
2002- 2007 Director, Extramural Associates Research Development Award (EARDA) Program
2002- 2008 Member, RIMI Internal Advisory Board, Spelman College
2002- 2008 Member, MBRS-SCORE Advisory Board, Spelman College
2002- 2008 Member, AUC/CBN Neuroscience Education Task Force
2002- 2013 First Year Advisor, Department of Psychology, Spelman College
2002- 2008 Faculty Co-Advisor, Psychology Club
2001-2008 Member, Center for Behavioral Neuroscience (CBN) Undergraduate Education Committee
2001- 2015 Undergraduate Academic Advisor, Department of Psychology, Spelman College
2001- 2015 Honors Thesis Advisor, Department of Psychology, Spelman College
2000- 2005 Member, Institutional Animal Care and Use Committee (IACUC) of Emory University
1995 - 2013 Mentor/Sponsor, Summer Undergraduate Research Experience (SURE)/CBN Program

OTHER EXPERIENCE AND PROFESSIONAL MEMBERSHIPS

- 2019 Ad Hoc Reviewer, Training Workforce and Development Panel, NIGMS/NIH
2010-2016 Regular Review Panel Member, Training Workforce and Development Panel, NIGMS/NIH
2009-2011 Review Panelist, National Science Foundation (NSF), Neural Systems Cluster Division
2009 Review Panelist, 2010 Howard Hughes (HHMI) Research I Universities Competition
2004 Review Panelist, MHIRT Program and Health Disparities Centers of Excellence, NCMHD/NIH
2004-2012 Review Panelist, Loan Repayment Program and SEP, NCMHD/NIH
2008-2010 Review Panelist, Special Emphasis Panel, MORE Division, NIGMS/NIH
2000-2010 Review Panelist, NSF Graduate Research Fellowship Program (GRFP); Chair of Psychology Panel I, 2003, 2004, 2007.
2006-2016 Teaching Mentor, FIRST- IRACDA Program, Emory Univ./Spelman College, NIGMS/NIH
Member American Psychological Society (APS)
Member Association for Research in Vision and Ophthalmology (ARVO)
Member Society for Neuroscience (SFN)
Member Society for the Teaching of Psychology (STP), of the American Psychological Association
Member Council on Undergraduate Research (CUR)
Member Southeastern Psychological Association (SEPA)
Member American Psychological Association (APA)

AD HOC REVIEWER FOR JOURNALS

Ophthalmic and Physiological Optics
Vision Research

GRANT FUNDING (selected; last 15 years only)

Mellon Undergraduate Research Implementation at Spelman College, Mellon Foundation 2011-2021

This award is to promote the infusion of undergraduate research in the curricula of majors across the college, in order to promote the development of the skills of inquiry, critical thinking and analysis, using best practices of Active Learning.

5R25GM060566-06 Bradley, Dolores (PI since 2005) (co-PI since 2018, Blakson, A. Nayena) 2000-2023

NIH/NIGMS “Spelman RISE- The next generation of Black women in the biomedical sciences”

Direct Costs: \$500,000/yr

This RISE program is a structured biomedical research training and development program for underrepresented minorities and women who desire to pursue a career in biomedical research. The program is designed to support the efforts of students to gain research experience and develop the skills to be successful in a top graduate school and, ultimately, as an independent scientist.

S06 GM 008241-21S2

2006-2009

NIGMS (SCORE Sub-Award) “The relationship between viewing distance and eye growth in primates”

Direct Costs \$723,801

The primary goal of this supplement grant to the Spelman College SCORE grant is to use a monkey model to study the effects of viewing distance on refractive development and eye growth during postnatal development. Dr. Bradley is the PI of the grant at Spelman College and at the Yerkes National Primate Research Center of Emory University, which is the site of the bulk of the work.

R01 EY10214 Tychsen, Lawrence (PI)

1998-2013

NIH/NEI “Subcontract to: Early functional and structural repair in macaque strabismus”

PI for subcontract at Yerkes Research Center of Emory University

The major goal of this subcontract is to hand rear monkeys in goggles that were designed by Dr. Bradley. Once the goggles are removed (at 3 wks, 6 wks, or 6 months of age), the monkeys are sent to Washington University for assessments of visual function and cortical development. The specialized rearing of monkeys in goggles fitted with prism lenses, which induce a perceptual strabismus, is accompanied by initial training of the monkeys on fixation tasks as well as video-recording of eye alignment throughout the rearing period. Dr. Bradley is responsible for all aspects of the project at Yerkes, including training and supervising research personnel, supervision of the rearing protocols throughout the rearing period, and maintenance of the budget for the project.

2G11HD037062-04 Bradley (PI)

2002-2007

NIH/NICHD “Spelman College Office of Research Development-Phase II”

The primary goal of the Spelman College Extramural Associates Research Development Award Program (EARDA), Office of Research Development (ORD) is to increase the number of successful grant applications supporting biomedical or biobehavioral research and programmatic initiatives of faculty at Spelman College. As Director, Dr. Bradley is responsible for all activities and aspects of the program, whose primary activity is the solicitation, review, and award of seed grants to faculty for pilot research projects. This began with a short-term residency at NIH. Other activities include conducting different types of grants workshops, organizing and hosting the faculty colloquium series, and other activities that enhance the research culture at Spelman.

Spelman College Jr Faculty Development Grant, from the Research Infrastructure for Minority Institutions (RIMI) Program sponsored by NCRR/NIH

The major goal of this project is to characterize the relationship between prolonged exposure to nearwork and the development of myopia in primates. This pilot study is developing a monkey model for the study of the effects of prolonged performance of visual discrimination tasks at a near viewing distance on the eye growth and refractive development of very young monkeys. Dr. Bradley is responsible for all aspects of the project, including the training and supervision of research personnel for operant training of monkeys to perform the task, the design and maintenance of the task, the collection of measurements of ocular components throughout the project period, and the analysis of presentation of those data, resulting in published papers.

SELECTED RESEARCH REPORTS

A. Refereed Publications

Tychsen L, Richards M, Wong A, Foeller P, Bradley D, Burkhalter A (2010). The neural mechanism for latent (fusion-maldevelopment) nystagmus. *J Neuroophthalmol*;30: 276-83.

Richards, MD, Wong A, Foeller P, Bradley DV, Tychsen L (2008). Duration of binocular decorrelation predicts the severity of latent (fusion maldevelopment) nystagmus in strabismic macaque monkeys. *Investigative Ophthalmology and Visual Science*, 49(5): 1872-1878.

Tychsen L, Richards M, Wong AMF, Demer J, Bradley DV, Burkhalter A, Foeller P (2008). Decorrelation of cerebral visual inputs as the sufficient cause of infantile esotropia. *American Orthoptic Journal*, 58: 60-69

Hasany A, Wong A, Foeller P, Bradley D, Tychsen L (2008). Duration of binocular decorrelation in infancy predicts the severity of nasotemporal pursuit asymmetries in strabismic macaque monkeys. *Neuroscience*, 156(2): 403-411.

Richards, M, Tychsen, L, Burkhalter, A, Foeller, P, Bradley, D, Wong, A (2007). Early versus delayed correction of infantile strabismus in macaque monkeys: effects on horizontal binocular connections in the striate cortex. *Neuro-Ophthalmology*, 31 (5/6): 171-174.

Sin L, Tychsen, L, Foeller P, Bradley, D, Wong A (2007). Early versus delayed correction of infantile strabismus in macaque monkeys: effects on long-term eye alignment. *Neuro-Ophthalmology*, 31 (5/6): 167-169.

Bradley DV and Fernandes A (2006). Ocular measurements from birth to young adulthood of rhesus monkeys. Proceedings of the 11th International Myopia Conference, Singapore, *J of Optometry Physiological Optics*.

Tychsen L, Wong AMF, Foeller PE, and Bradley DV (2004). Early Versus Delayed Repair of Infantile Strabismus in Macaque Monkeys: II. Effects on Motion Visually Evoked Responses. *Investigative Ophthalmology & Visual Science*, 45(3):821-827.

Wong AMF, Foeller PE, Bradley DV, Burkhalter A, and Tychsen L (2003). Early versus delayed correction of infantile strabismus in macaque monkeys. I. Ocular motor effects. *Journal of the American Association for Pediatric Ophthalmology and Strabismus*, 7:200-209.

Fernandes A, Bradley DV, Tigges M, Tigges J, and Herndon JG (2003). Ocular measurements throughout the adult life span of rhesus monkeys. *Investigative Ophthalmology & Visual Science*, 44(6): 2373-2380.

Smith EL, Bradley DV, Fernandes A, Hung LF, and Boothe RG (2001). Continuous ambient lighting and eye growth in primates. *Investigative Ophthalmology & Visual Science*, 42(6): 1146-1152.

Bradley DV, Fernandes A, Lynn M, Tigges, M and Boothe RG (1999). Emmetropization in the rhesus monkey (*Macaca mulatta*): Birth to Young Adulthood. *Investigative Ophthalmology & Visual Science*, 40, 214-229.

Bradley DV, Fernandes A, and Boothe RG (1999). The refractive development of untreated eyes of rhesus monkeys varies according to the treatment received by their fellow eyes. *Vision Research*, 39, 1749-1757.

Smith, EL III, Bradley DV, Fernandes A, and Boothe RG (1999). Form deprivation myopia in adolescent monkeys. *Optometry and Vision Science*, 76(6), 428-432.

Bradley DV, Fernandes A, Tigges, M and Boothe RG (1996). Diffuser contact lenses retard eye axial elongation in infant rhesus monkeys. *Vision Research*, 36(4), 509-514.

Bradley DV and Blough PM (1993). Visual effects of opiates in pigeons: III. Luminance and wavelength sensitivity. *Psychopharmacology*, 113, 117-122.

Acknowledgement of Work

Tigges M, Tigges J, Rees H, Rye D and Levey AI (1997). Distribution of muscarinic cholinergic receptor proteins m1 to m4 in area 17 of normal and monocularly deprived rhesus monkeys. *Journal of Comparative Neurology*, 388, 130-145.

Boothe, RG (1996). Visual development following treatment of a unilateral infantile cataract. In F Vital-Durand,

J Atkinson & OJ Braddick (Eds.) *Infant Vision*. Oxford University Press.

B. Other Publications/Book Chapters

Jackson, K., Ayalew, M., Thomas, J. Olubummo, Y. Bradley, D. and Wilson, J. (2016). A Training Ground for Women of Color in STEM: Spelman College Tackles the STEM Pipeline as a Social Justice Issue.

Brakke K, Wilson JH, Bradley DV (2007). Beyond basics: enhancing undergraduate statistics instruction. In D.S. Dunn, R.A. Smith, B.C. Beins (Eds.). *Best Practices in Teaching Statistics and Research Methods in the Behavioral Sciences*. Lawrence Erlbaum Associates, Mahwah, NJ

Bradley DV and Fernandes A (2006). Ocular measurements from birth to young adulthood of rhesus monkeys. *Proceedings of the 11th International Myopia Conference, Singapore, Journal of Optometry and Physiological Optics*.

Bradley DV and Fernandes A (2000). Differences between the eyes of neonatal and infant rhesus monkeys in their response to unequal binocular input. *Proceedings of the VIII International Conference on Myopia, New England College of Optometry, July, Boston MA*.

C. Invited Presentations and Published Abstracts of Presentations (selected)

Bradley-Brennan D (2019). Sustaining Diversity Enhancement Programs –Spelman College’s RISE Program. Invited presentation at the Training Workforce and Development (TWD) Program Directors’ Meeting, sponsored by NIGMS/NIH.

Bradley Brennan D and Burnett M (2018). Inquiry-Based Learning Accelerates Knowledge Acquisition across Disciplines. Presentation at the 123rd Annual Meeting of the SACSCOC, December 8-11, New Orleans LA.

Ayalew M, Bradley DV, Jackson KM, Olubummo Y, Thomas JO, Wilson J (2015). A training ground for women of color in STEM: Spelman college tackles the STEM pipeline as a social justice issue. Faculty Resource Network (FRN) panel presentation. FRN National Symposium, Washington D.C. November, 20-21, 2015.

Blankson, AN, Bradley DV (2014). Dynamic reading outlines: An effective approach for developing student engagement with required readings. Paper presented at the Southeastern Teaching of Psychology (SETOP) Annual Conference, Atlanta GA, February 21, 2014.

Foeller PE, Bradley DV, Tychsen L (2012). Ocular following response in macaque monkeys with infantile strabismus. *Invest Ophthalmol Vis Sci*, E-Abstract4855.

Tychsen L, Foeller PE, Bradley DV (2011). Birth-onset vs later-onset infantile strabismus in macaque monkeys: 1. Effects on short-latency vergence and stereopsis. *Invest. Ophthalmol. Vis.Sci.*, E-Abstract 6347.

Foeller PE, Wong A, Bradley DV, Tychsen L (2011). A primate model of intermittent exotropia. *Invest. Ophthalmol. Vis.Sci.*, E-Abstract 6356.

Bradley DV (2010). The role of visual input on the postnatal eye growth of non-human primates. Invited Talk, National Science Foundation (NSF), Neural Systems Cluster Division, Washington DC. April 2, 2010.

Hobbs S and Bradley D (2010). Teaching Physiological Psychology. Paper presented at the Southeastern Teaching of Psychology (SETOP) Annual Conference, Atlanta GA, February 26, 2010.

Bradley, DV (2009) Curriculum 2.0: Engaging the Millenium Student. *Google-HBCU-Faculty Summit*. New York, NY. August 11-13 ([Nominated by Students of Spelman College](#)).

Lam K, Foeller P, Bradley D, Tychsen L, Wong AM (2009). Defining the critical period for eye alignment development in infant primates: Effects of binocular decorrelation. *Paper presented at the Annual Meeting of the Canadian Association of Pediatric Ophthalmologists, Toronto, June*.

Le KT, Foeller P, Bradley D, Tychsen L, Wong AM (2009). Defining the critical period for smooth pursuit

- development in infant primates: effects of binocular decorrelation. *Invest. Ophthalmol. Vis.Sci., E-Abstract 1208*.
- Lam K, Foeller P, Bradley D, Tychsen L, Wong AM (2009). Defining the critical period for eye alignment development in infant primates: effects of binocular decorrelation. *Invest. Ophthalmol. Vis.Sci., E-Abst 1984*.
- Foeller P, Bradley D, Tychsen L (2008). Shorter vs longer durations of later-onset infantile strabismus in macaque monkeys. *Invest. Ophthalmol. Vis.Sci., E-Abstract 1121*.
- Wong AM, Bradley D, Foeller P, Tychsen L (2008). Birth-onset vs later-onset infantile strabismus in macaque monkeys: 1. Effects on eye alignment and vergence. *Program No. 667.19. Society for Neuroscience. Online*.
- Tychsen L, Foeller P, Bradley D. (2008). Birth-onset vs later-onset infantile strabismus in macaque monkeys: 2. Effects on latent nystagmus. *Program No. 667.21. Society for Neuroscience. Online*.
- Foeller P, Bradley D, Tychsen L (2008). Birth-onset vs later-onset infantile strabismus in macaque monkeys: 3. Effects on smooth pursuit/OKN. *Program No. 667.20. Society for Neuroscience. Online*.
- Bradley DV and Fernandes A (2006). Ocular measurements from birth to young adulthood of rhesus monkeys. *Proceedings of the 11th International Myopia Conference, Singapore, J of Optometry and Physiological Optics*.
- Richards MD, Wong AM, Foeller P, Bradley D, Tychsen L (2006). Duration of binocular decorrelation predicts the intensity of fusion maldevelopment (latent) nystagmus in strabismic macaque monkeys. *Invest. Ophthalmol. Vis.Sci., E-Abstract 2514*.
- Hasany A, Wong AM, Foeller P, Bradley D, Tychsen L (2006). Duration of binocular decorrelation predicts the severity of nasotemporal pursuit asymmetries in strabismic macaque monkeys. *Invest. Ophthalmol. Vis.Sci., E-Abstract 2452*.
- Sin L, Wong AM, Foeller P, Bradley D, Tychsen L (2006). Duration of binocular decorrelation predicts the angle of infantile strabismus in macaque monkeys. *Invest. Ophthalmol. Vis.Sci., E-Abstract 2451*.
- Bradley, DV and Fernandes A (2006). Ocular measurements from birth to young adulthood of rhesus monkeys (*Macaca mulatta*). *Paper presented at the International Myopia Conference, Singapore, July 2006*.
- Wong, AMF, Foeller P, Bradley DV, Tychsen L (2005). Short vs. Long Durations of Infantile Strabismus in Macaque Monkeys: Effects on Cerebral Conjugate Gaze Pathways. *Invest. Ophthalmol. Vis.Sci., E-Abstract 2957*.
- Troilo, D, Harb, E., Totonelly, K, Merriwether, L, and Bradley, DV (2005). Accommodation behavior in rhesus macaques during free viewing of an operant conditioned visual task. *Invest. Ophthalmol. Vis. Sci. E-Abstract 715*.
- Bradley, DV, Smith EL, and Fernandes A (2004). Form deprivation myopia in juvenile and adult rhesus monkeys (*Macaca mulatta*). *Paper presented at the International Myopia Conference, Cambridge England, July 2004*.
- Bradley, DV. Environmental influences on the development of myopia. *Presentation at the Language Research Center of Georgia State University. May 2004*.
- Brakke K, Bradley DV, and Wilson, J (2004). Beyond basics: teaching intermediate statistics to undergraduates. *Presentation for the Meeting of the Best Practices in Teaching Research Methods and Statistics in Psychology. Atlanta GA, October 1-2, 2004*.
- Foeller, P, Wong AMF, Bradley DV, Tychsen L (2004). Short versus long duration of infantile strabismus in macaque monkeys: Effects of stereopsis. *Presented at the Annual Meeting of the Association for Research in Vision and Ophthalmology (ARVO)*.
- Tychsen L, Scott C, Foeller P, and Bradley DV (2004). Early versus delayed repair of infantile strabismus in macaque monkeys. III. Effects of short-latency fusional vergence. *Presented at the Annual Meeting of the Association for Research in Vision and Ophthalmology (ARVO)*.
- Bradley DV (2003). The Development of Myopia: More than meets the eye? *Research Presentation for the RIMI Program, Department of Biology, Spelman College, Atlanta GA*.
- Bradley DV (2003). The Development of Myopia: More than meets the eye? *Research Presentation for the Lunch*

and Learn Series of the Yerkes National Primate Research Center of Emory University, Atlanta GA.

Foeller PE, Bradley DV, Wong A and Tychsen L (2003). Early versus delayed repair of infantile strabismus in macaque monkeys: effects on motion VEP. *Presented at the 2003 meeting of the Association for Research in Vision and Ophthalmology (ARVO).*

Bradley DV, Smith EL, Harwerth RS and Fernandes A (2002). A nearwork-induced myopic shift, without sustained accommodation, in primates. *Abstract published for the 2002 ARVO Meeting (URL: www.arvo.org).*

Foeller PE, Bradley DV, Wong AMF, and Tychsen L (2002). Early versus delayed strabismus in macaque monkeys: effects on cerebral ocular motor circuits. *Abstract published for the 2002 ARVO Meeting (URL: www.arvo.org).*

Foeller PE, Bradley DV, Wong AMF, and Tychsen L (2002). Early repair of infantile esotropia in macaque monkeys and horizontal connections in V1. *Program No. 760.2 2002 Abstract Viewer/Itinerary Planner. Washington DC: Society for Neuroscience, 2002. Online.*

Fernandes A, Bradley DV, Tigges M, Tigges J, Herndon JG (2002). Measurements of ocular components throughout the adult life span of rhesus monkeys. *Presented at the Annual Meeting of the Society of Neuroscience, November 2002.*

Bradley DV, Smith EL, Harwerth, RS, and Fernandes A (2002). A nearwork-induced myopic shift, without sustained accommodation, in primates. *Presented at the Annual Meeting of the Association for Research in Vision and Ophthalmology (ARVO), Ft. Lauderdale FL.*

Bradley DV (2001). *The Regulation of Emmetropization by the Visual Environment*, Research Presentation for the Department of Psychology, Spelman College, Atlanta GA.

Bradley DV (2001). Visual System Development and the Visual Environment. *Research Presentation for the RIMI Program, Spelman College, Atlanta GA.*

Smith, EL III, Bradley DV, Fernandes A, Hung L-F, and Boothe RG (2001). The effects of continuous light on ocular development in infant rhesus monkeys. *Presented at the Annual Meeting of the Association for Research in Vision and Ophthalmology (ARVO), May Ft. Lauderdale FL.*

Bradley DV, Fernandes A, Birdsong T, Choo J, Antzoulatos E (2001). Mechanisms of the interocular influence on refractive development respond differently to types of form deprivation. *Investigative Ophthalmology & Visual Science Supplement, 40(4), S59.*

Foeller P, Bradley DV and Tychsen L (2001). Early strabismus repair in infant macaque monkeys: effects on fusional vergence and pursuit/okn. *Investigative Ophthalmology & Visual Science Supplement, 40(4), S52.*

Tusa RJ, Boothe RG, Bradley DV (2001). Mild diffuser contact lens induces exotropia in infant rhesus monkeys. *Investigative Ophthalmology & Visual Science Supplement, 40(4), S168.*

Bradley DV and Fernandes A (2000). Differences between the eyes of neonatal and infant rhesus monkeys in their response to unequal binocular visual input. *International Conference on Myopia; New England College of Optometry, July, 2000, Boston MA.*

Bradley DV (1999). Binocular Manipulations of Visual Input Suggest an Interocular Influence in the Regulation of Emmetropization. *Research Presentation for the Department of Psychology, Morehouse College, Atlanta GA.*

Bradley DV, Fernandes A, Boothe RG, and Tigges M (1999). Binocular manipulations of visual input suggest an interocular influence in the regulation of emmetropization. *Presented at the Child Vision Research Society Meeting, University College London, June.*

Smith, EL III, Bradley DV, Fernandes A, and Boothe RG (1999). Form deprivation myopia in adolescent monkeys. *Presented at the Annual Meeting of the Association for Research in Vision and Ophthalmology (ARVO), Ft. Lauderdale FL.*

HONORS/AWARDS

- 2012 Phi Beta Kappa, Spelman College
- 2005 Vulcan Materials Award for Teaching Excellence, Spelman College
- 2005 Member, Golden Key Honor Society (student-nominated)
- 2002 First-Author of research abstract chosen as “Hot-Topic, Must-See” at the Annual Meeting of the Association for Research in Vision and Ophthalmology (ARVO), Ft. Lauderdale FL.
- 1999 \$6,000 Grant Award from Emory University (University Research Committee)
- 1996 Travel Award, Scientific Section of Visual Psychophysics & Physiological Optics; for the Annual Meeting of the Association for Research in Vision and Ophthalmology (ARVO)
- 1995- 2001 NCR/NIH Minority Scientist Long-Term Research Supplement to the Base Grant of Yerkes Regional Primate Research Center of Emory University
- 1993-1995 Individual NRSA/NEI/NIH Postdoctoral Training Fellow, Emory University
- 1992-1993 NRSA/NEI/NIH Postdoctoral Fellow, Department of Ophthalmology, Emory University
- 1989-1991 National Science Foundation (NSF) Pre-doctoral Award, Brown University
- 1988-1991 Ford Foundation Pre-doctoral Fellowship, Brown University
- 1989 Sigma Xi Honor Society, Brown University Chapter
- 1988 NSF Pre-doctoral Fellowship Honorable Mention, Brown University
- 1987-1988 Patricia Roberts Harris Fellowship, Brown University
- 1983-1985 MARC Scholar, NIH/NIGMS Minority Access to Research Careers Prog. Tenn. St. Univ
- 1982-1983 MBRS RISE Fellow, NIH Minority Biomedical Research Support Program, Tenn. St. Univ
- 1983-1985 Who's Who Among Students in American Colleges and Universities; National Dean's List; W.J. Hale Scholarship (\$1000); Psi Chi Honor Society; MI Claiborne Award/Psi Chi, TSU Chapter; Alpha Kappa Mu Honor Society, Tennessee State University

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