HAROLD H. GREENE
(greenehh@udmercy.edu)

Campus Address
Department of Psychology
Room 202, Reno Hall
University of Detroit Mercy
Detroit MI 48221

Education
Ph.D., (Cognitive & Experimental) Psychology, University of Georgia, 1996
Dissertation: Spatial interactions with real and illusory lines in a vernier acuity task. *Dissertation Abstracts International: Section B: the Sciences & Engineering. 57(7-B),* 4755.

M.S., Psychology, University of Georgia, 1993
Thesis: Location of boundaries in space: The influence of color and luminance

B.A. (Honours), Psychology, Queen's University, Ontario, Canada, 1989
Thesis: Letter migration errors in two-word display sequences

Awards & Recognitions

2016   Distinguished Service Award, African Community Organization of Windsor, ON. Canada

2013   Visiting researcher, Visual Perception Laboratory in Psych. Dep't at University of Georgia, Athens

2008   Visiting Scholar, Eye tracking Laboratory in Psych. Dep't at University of Massachusetts, Amherst

1998   Richard M. Griffith memorial award for research in Psychology
(Awarded by the Southern Society for Philosophy and Psychology
see http://sun.soci.niu.edu/~sspp/Griffith.html   )

Academic Positions
2013-present   Professor, (*6-7 courses a year*) Univ. of Detroit Mercy
2003-2013   Associate Professor, (*7- 8 courses a year*) Univ. of Detroit Mercy
1999-2003   Assistant Professor, (*7 courses a year*) Univ. of Detroit Mercy
1998-1999   Postdoctoral Associate, Univ. of Massachusetts (with Keith Rayner, Ph.D.)
1995-1998   Postdoctoral Fellow, Center of Excellence for Research on Training
(with Fernando Gonzalez, Ph.D. & David A. Washburn, Ph.D.)
1992-1995   Teaching Assistant/Graduate Student Instructor, Univ. of Georgia
1989-1990   Computer Programmer, Visual Information Processing Lab., Queen's University, Canada
(with Brian Butler, Ph.D.)

Some Affiliated Professional Organizations
Vision Science Society, Member
Psychonomic Society, (full) Member
Association for Psychological Science, Member
Sigma Xi, The scientific research society, Member
Southern Society for Philosophy and Psychology, Member
Society for computers in Psychology, Member

TEACHING (1999- present)

Undergraduate
Introduction to Psychology (PYC1000)
Research Methods (PYC301; PYC2010; PYC2020)
Cross Cultural Socialization (PYC4400)
Perceptual & Cognitive Processes (PYC4090; PYC4100)
Learning (PYC4140; PYC415)
Vision Research Independent Study (PYC4950)

Graduate
Univariate & bivariate Statistics (PYC5030)
Advanced Research Methods (PYC5040)
Learning & Memory (PYC6040)
Diversity (PYC7750)

Recent course objectives

PYC1000 Introduction to Psychology The objective of the course is to expose students to the major concepts, theoretical perspectives, empirical findings, and historical trends in Psychology. At the end of the course, students should be able to (i) characterize the nature of Psychology as a discipline, (ii) demonstrate reasonable skepticism and intellectual curiosity by asking questions about causes of behavior, (iii) apply psychological principles to promote personal development, and (iv) develop experiences relevant to achieving selected career goals.

PYC2010 Research Methods I The objective of the course is to teach students basic research methods used in psychology. At the end of the course, students should be able to (i) describe basic characteristics of the science of Psychology, (ii) explain different research methods used by psychologists, (iii) locate and use relevant computerized research databases (e.g. Science Direct, PsycInfo), (iv) discuss the need for a code of ethics in the treatment of human/nonhuman participants in data collection and interpretation of psychological research.

PYC2020 Research Methods II The objective of the course is to teach students basic research methods used in psychology. At the end of the course, students should be able to (i) evaluate the appropriateness of conclusions derived from psychological research, (ii) design and conduct simple experiments using Superlab^{TM} software, (iii) interpret statistical significance, (iv) generalize research conclusions appropriately, and (v) write introductory-level research reports.

PYC4090 Perceptual & Cognitive Processes This course introduces students to concepts, facts and ideas about how the human brain/mind processes information. At the end of the course, students should be able to discuss (i) methods used to quantify the mind (Psychophysics), (ii) information acquisition (Perception, Pattern recognition, Attention), (iii) information organization (e.g. Imagery, Categories), (iv) information storage and retrieval (Memory), and (v) information use (e.g. Thinking, Language).

PYC4100 Advanced laboratory in Perceptual & Cognitive Processes This course gives students hands-on experience with methods by which knowledge is acquired in perceptual and cognitive psychology. At the end of the course, students should be able to (i) evaluate the appropriateness of conclusions derived from existing psychological research, (ii) use Superlab^{TM} software to design and conduct perceptual/cognitive experiments (iii) test with little guidance for statistical significance using SPSS software, (iv) appropriately generalize research conclusions, and (v) write research reports.

PYC4400 Cross-Cultural Socialization The course focuses on (i) acquainting students with basic findings of (cross-) cultural Psychology, (ii) making students familiar with theoretical and practical aspects of culture on socialization processes, and (iii) encouraging students to interact (outside the classroom) with cultures other than their own. At the end of the course, students should be able to discuss issues of enculturation, and gender; and cultural aspects of cognition, communication, and social behaviour.

PYC4950 Vision Research This independent study course provides hands-on research training in my Vision Research Laboratory. Students assist with all aspects of professional research conducted in the laboratory. Some students complete projects of their own. After 2 semesters of the course, students should be able to conduct experiments with an Eyelink II eye tracker. Superior students are encouraged to present their work at undergraduate conferences.

PYC5030 (univariate & bivariate) Basic Statistics At the end of the course, students should have (i) appreciated the role of statistics in empirical research (and life in general), (ii) understood the language, and concepts of basic statistics, (iii) understood mathematical foundations of basic statistical methods, (iv) acquired skills to summarize data, (v) acquired skills to make inferences from univariate and bivariate data.

PYC5040 Advanced Research Methods At the end of the course, successful students should be able to (i) distinguish between scientific and non-scientific research (e.g. Karl Popper), (ii) discuss scientific "standard of proof" (e.g. statistical power, effect size, false alarm rates, sample size), (iii) discuss research designs used in psychology (i.e. quantitative, qualitative, mixed), (iv) engage in research-related activities (e.g. thinking in theoretical terms, human participants protection certification, role playing as a professional journal reviewer), and (v) write a hypothesis-driven research proposal.

PYC6040 Learning & Memory The course includes lectures on fundamental issues of learning and memory, and seminar sessions based on review journal articles. By the end of the semester, students should have learned fundamental principles of Learning & Memory, and should be able to discuss critically, issues relevant to human learning and human memory.

PYC775 Diversity Seminars allow students to discuss meaningfully (with the help of professional journal articles), issues relevant to cultural diversity, towards long-term cultural awareness and cultural responsiveness. At the end of the course, students should be able to discuss (among other things), the literature on (i) methodology in diversity research, (ii) ethnic matching in psychotherapy, (iii) Deaf culture, (iv) sexism, (v) ageism, (vi) sexual orientation, and (vii) diversity in mental health issues faced by large ethnic groups in USA.

SCHOLARSHIP (*Students in italics*)

PEER-REVIEWED RESEARCH PUBLICATIONS

Lee, Yen Ju, **Greene,** Harold H., *Tsai, Chia, W.* & Chou, Yu J. (2016). Differences in Sequential Eye Movement Behavior between Taiwanese and American Viewers. *Frontiers in Psychology doi:10.3389/fpsyg.2016.00697.*

Greene, Harold, H., Brown, James M. & Dauphin, B. (*2014*). When do you look where you look? A visual field asymmetry. *Vision Research, 102,* 33-40.

Greene, Harold, H., Brown, James M. & *Paradis, Bryce, A*. (2013). Luminance contrast and the visual span during visual target localization. *Displays. 34,* 27-32.

Dauphin, V. Barry, & **Greene**, Harold H. (2012). Here's looking at you: Eye movement exploration of Rorschach images. *Rorschachiana*, *33,* 3-22.

Greene, Harold H., *Simpson, Deborah*, & *Bennion, Jennifer* (2012). The perceptual span during foveally-demanding visual target localization. *Acta Psychologica, 139,* 434-439.

Greene, H. H., Pollatsek, A., *Masserang, K*., *Lee, Y-J.,* & Rayner, K. (2010). Directional processing within the perceptual span during visual target localization. *Vision Research*, *50*, 1274-1282.

Greene, H. H. (2008). Distance-from-target dynamics during visual search. *Vision Research*, *48*, 2476 – 2484.

Greene, H. H. (2006). The control of fixation duration in visual search. *Perception, 35*, 303 –315.

Greene, H. H., & Rayner, K. (2001). Eye movements and familiarity effects in visual search. *Vision Research*, *41*, 3763-3773.

Greene, H. H., & Rayner, K. (2001). Eye movement control in direction-coded visual search. *Perception*, *30*, 147-157.

Greene, H. H., & Brown, J. M. (2000). Amodal completion and localization. *Vision Research, 40*, 383-390.

Greene, H. H. (1999). Temporal relationships between eye fixations and manual reactions in visual search. *Acta Psychologica. 101*, 105-123.

Katz, S., Brown, J. M., Smith, F. G., & **Greene**, H. (1998). Using the computer to examine behavior on the SAT reading comprehension task. *Psychology: A Journal of Human Behavior*, *35*, 45-55.

Greene, H. H., Washburn, D. A., & Gonzalez, F. A. (1997). Simulating naturalistic demands for speeded judgment. *Behavior Research Methods, Instruments, & Computers, 29,* 256-259.

Greene, H. H., & Brown, J. M. (1997). Spatial interactions with real and gap-induced illusory lines in vernier acuity. *Vision Research, 37,* 597-604.

Greene, H. H., & Brown, J. M. (1995). The effect of nearby luminance contrast polarity on color boundary localization. *Vision Research,* 35, 2767-2771.

CONFERENCE PRESENTATIONS

2016
> *Juve, M*., Dauphin, B., Greene, H., & *Boyle, M*. Anxiety and Eye Movement Behavior in Identifying Facial Emotions and Responding to the Rorschach: A Comparison of Visual Tasks. *Poster presented to the Society for Personality Assessment*. Chicago, IL, 2016.

> Day, E., Boyle, M., Juve, M., Dauphin, B., Munday, C., & Greene, H. Emotions at a Glance: Gender Differences in the Perception of Facial Emotions. *Poster to be presented at the annual conference of the American Psychological Association*. Denver, CO, 2016.

> *Boyle, M., Juve, M., Day,* E., Dauphin, B., Munday, C., & Greene, H. Put on a Happy Face: Eye Movement Processes During an Emotion Recognition Task for Human Faces. *Poster to be presented at the annual conference of the American Psychological Association*. Denver, CO, 2016.

> *Lee, Yen Ju*, Greene, Harold H., *Tsai, Chia, W*. & Chou, Yu J., *Safillian, C.* (2016). Differences in Sequential Eye Movement Behavior between Taiwanese and American Viewers. *Poster to be presented at the annual conference of the Asian American Psychological Association*. Denver, CO, 2016.

2015
> **Greene,** H.H., & Brown, J. M. Effects of Simulated Scotomas on Pre-saccadic Fixation Durations. *Poster presented at the annual conference of Vision Sciences Society*, St Pete's Beach, FL, 2015.

> *Juve, M*., Dauphin, B., and **Greene**, H. The Heat Is On: Measuring Interest Areas on the Rorschach Using Heat Mapping Techniques. *Poster presented to the Society for Personality Assessment*. Brooklyn, NY, 2015.

2014
> **Greene,** H.H., Brown, J. M., & Dauphin, V. B. A Visual Field Asymmetry in Pre-saccadic Fixation Durations. *Poster presented at the annual conference of Vision Sciences Society*, St Pete's Beach, FL, 2014.

2013
> Krehbiel, D. A., Erber, M., **Greene,** H. H., Moes, P., & Boylan, M. Undergraduate Education at the NSF: An Underutilized Source of Funding for Teaching and Research in Psychology. ***Invited symposium paper*** *presented at the annual conference of the Association for Psychological Science,* Washington, DC, 2013.

> Dauphin, V.B., **Greene**, H.H., *Juve, M*. Cognitive Mediation and Information Processing on the Rorschach. *Paper presented at the annual meeting of the Society for Personality Assessment,* San Diego, CA, 2013

> Bernasconi, C., **Greene,** H.H., Hoback, A., (2013*).* Walking in the City: Environmental Attributes and Judgments of Attractiveness and Security in Urban Walking Environments. *Paper presented at the annual conference of the Environmental Design Research Association*, Providence, RI, 2013

2012
> **Greene,** Harold, H., Brown, James M. & *Paradis, Bryce, A*. Saccade Amplitudes: A Window on Visual Span Properties. *Poster presented at the annual conference of the Association for Psychological Science,* Chicago, IL, 2012.

Dauphin, V.B., **Greene**, H.H., *Juve, M., & Burnett, V*. Eye movement responses across the Rorschach cards. *Paper presented at the annual meeting of the Society for Personality Assessment,* Chicago, IL, 2012

Juve, M., Dauphin, V.B., **Greene**, H.H., & *Burnett, V*. Emotional responsiveness to the Rorschach is reflected in eye movement responses. *Paper presented at the annual meeting of the Society for Personality Assessment,* Chicago, IL, 2012

Bernasconi, C., **Greene,** H. H., Hoback, A. What are you looking at? Applying eye-tracking techniques to landscape evaluation, towards an understanding of walkability perception. *Paper presented at the annual conference of the Council of Educators in Landscape Architecture*, Champaign, IL, 2012

2011
Greene, Harold, H., Koch, Chris, & *Lee, Yen Ju*. The discriminability (d') of facial expressions within gaze-contingent moving foveal windows. *Poster presented at the annual conference of the American Psychological Association,* Washington, DC, 2011.

Greene, Harold, H., Hill, Elizabeth, M., Malcore, S., Hegland, H. Enriched undergraduate research training using project-based laboratory courses. *Poster presented at National Science Foundation CCLI-TUES conference*, Washington, DC, 2011.

Greene, Harold, H. Transforming Research Education in a Perception & Cognition Laboratory course, *Poster presented at Vancouver International Conference on the Teaching of Psychology*, Vancouver, BC, 2011.

2010
Greene, H. H. Eye tracking: A window on visual information selection. *Paper presented at the biennial congress of the International Society for Human Ethology*, Madison, WI. 2010.

Lee, Y., **Greene**, H. H., & *Hearns, P. L.* Culture and attention strategy: Do you see as I see? *Poster presented at the biennial congress of the International Society for Human Ethology*, Madison, WI. 2010.

Potisek, Deborah, L., & **Greene**, H. H. Impulsivity and the window of attention during visual search. *Paper presented at the annual conference of the Southern Society for Philosophy and Psychology*, Atlanta, GA. 2010.

Lee, Y., **Greene**, H. H., & *Hearns, P. L.* Culture and eye movement strategy during visual search (Part 1). *Poster presented at the annual conference of the Midwestern Psychological Association*, Chicago, IL. 2010.

Dauphin, V.B., **Greene**, H.H., *Juve, M., & Burnett, V*. Card sequence, eye movements and the Rorschach. *Paper presented at the annual conference of the American Psychological Association*, San Diego, CA. 2010.

2008
Greene, H. H. Perceptual span matters. ***Invited symposium paper*** *presented at the annual meeting of the Southeastern Psychological Association,* Charlotte, NC. 2008.

2007
Masserang, K., Mucci, N., **Greene**, H. H., Dauphin, V. B., & *Ford, R*. Is attention biased towards the tops of objects? *Paper presented at the annual conference of the Southern Society for Philosophy and Psychology*, Atlanta, GA. 2007.

2006

       Greene, H. H. The perceptual span hypothesis explains distance-from-target search dynamics. *Poster presented at the annual meeting of the Psychonomic Society*, Houston, TX. 2006.

2005

       Greene, H. H. As the eyes move during visual search. *Paper presented at the annual meeting of the Society for Computers in Psychology*, Toronto, ON. Canada, 2005

2004

       Greene, H. H. Fixation control during visual search. *Poster presented at the annual meeting of the Psychonomic Society*, Minneapolis, MN. 2004

2003

       Greene, H. H. Eye movements in visual search. *Paper presented at the annual conference of the Southern Society for Philosophy and Psychology*, Atlanta, GA. 2003.

2002

       Greene, H. H. Eye movement search: Top-down influences on focal and peripheral vision. *Poster presented at the annual meeting of the Psychonomic Society*, Kansas City, MO. 2002.

2001

       Greene, H. H. Focal and peripheral processing in direction-coded visual search. *Paper presented at the annual meeting of the Psychonomic Society*, Orlando, FL. 2001.

       Greene, H. H. Influences of familiarity on visual processing span. *Paper presented at the annual conference of the American Psychological Society,* Toronto, ON. Canada, 2001.

       Greene, H. H. Is attention attracted to unfamiliar objects? *Paper presented at the annual conference of the Southern Society for Philosophy and Psychology*, New Orleans, LA. 2001.

       Greene, H. H. The utility of eye movements in visual search. ***Invited symposium paper*** *presented at the annual conference of the Southern Society for Philosophy and Psychology*, New Orleans, LA. 2001.

2000

       Greene, H. H. Spatial frequency relations can affect eye movement search. *Paper presented at the annual meeting of the Psychonomic Society*, New Orleans, LA. 2000.

       Greene, H. H. & Brown, J. M. The equivalence of visible and invisible percepts. *Paper presented at the annual conference of the Southern Society for Philosophy and Psychology*, Atlanta, GA. 2000.

1999 - 1993

       Greene, H. H. & Rayner, K. Familiarity and eye movements in visual search. *Poster presented at the annual meeting of the Psychonomic Society*, Los Angeles, CA. 1999.

       Greene, H. H. & Rayner, K. Eye movements and visual search with direction-coded distractors. *Poster presented at the third annual Vision Research Conference*, Fort Lauderdale, FL. 1999.

       Greene, H. H. Eye movements and manual reaction times in visual search. *Paper presented at the annual conference of the Southern Society for Philosophy and Psychology*, New Orleans, LA. 1998.

Greene, H. H. & Brown, J. M. Spatial interactions in vernier acuity reveal mechanisms of localization. *Paper presented at the annual conference of the Southern Society for Philosophy and Psychology*, New Orleans, LA. 1998.

Washburn, D. A., **Greene**, H. H., & Putney, R. T. Individual differences in attention and shoot/don't shoot judgment skills. *Poster presented at the annual meeting of the Society for Judgment and Decision Making*, Philadelphia, PA. 1997.

Gonzalez, F. A., **Greene**, H. H., Johnson, A. & Larsen, J. GO_SOFT: Animation software for research and teaching purposes. *Paper presented at the annual conference of the Society for Computers in Psychology*, Philadelphia, PA. 1997.

Washburn, D. A., & **Greene**, H. H. Attentional factors in shoot/don't shoot decision making. *Poster presented at the annual meeting of the Society for Judgment and Decision Making,* Chicago, IL. 1996.

Greene, H. H., Washburn, D. A., & Gonzalez, F. A. A procedure for studying factors that affect speeded judgement. *Paper presented at the annual conference of the Society for Computers in Psychology*, Chicago, IL. 1996.

Greene, H. H., & Washburn, D. A. Visual performance and decision making. *Paper presented at the annual conference of the Southern Society for Philosophy and Psychology*, Nashville, TN. 1996.

Greene, H. H., & Tomonaga, M. Principles of (Primate) Cognition: Perception. *Paper presented at the annual conference of the Southern Society for Philosophy and Psychology*, Nashville, TN. 1996.

Greene, H. H., Gonzalez, F. A., & Washburn, D. A. Target detection under threat situations. *Paper presented at the meeting of Human Factors Atlanta,* Atlanta GA. 1996.

Greene, H. H., & Brown, J. M. Vernier acuity for illusory contours flanked by real contours. *Poster presented at the annual meeting of the Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL. 1995.

Greene, H. H., & Brown, J. M. Interaction between luminance and color in edge location. *Poster presented at the annual meeting of the Association for Research in Vision and Ophthalmology*, Sarasota, FL. 1994.

Brown, J. M., Zhou, H., May, J., **Greene**, H. H., & Srinivasan, N. Influences of local similarity on global processing. *Paper presented at the annual meeting of the Association for Research in Vision and Ophthalmology*, Sarasota, FL. 1994.

Brown, J. M., Zhou, H., May, J., Srinivasan, N. , & **Greene**, H. H. Influences of local similarity on global processing using filtered and unfiltered stimuli. *Paper presented at the annual meeting of the Optical Society of America*, Dallas, TX. 1994.

Katz, S., Brown, J. M., Smith, F. G., & **Greene**, H. H. Examining behavior on the SAT reading comprehension task using the computer. *Paper presented at the annual meeting of the Eastern Psychological Association*, Providence, RI. 1994.

Brown, J. M., Enns, J. T., & **Greene**, H. H. Preattentive processing of line junctions can be altered by perceptual set. *Poster presented at the annual meeting of the Association for Research in Vision and Ophthalmology*, Sarasota, FL. 1993.

Selected Research Presentations by Undergraduate Students (Undergraduate students in italics):

Tepatti, Tanya, & **Greene**, Harold H. (2014). Regional Eye movement Processing of Webpages. *Paper presented at the annual conference of the Michigan Academy of Science, Arts & Letters,* Auburn Hills, MI.

Tepatti, Tanya, Grzybowski, Madelaine, & **Greene**, Harold H. (2013). What Students Look at to Judge the Aesthetics of Webpages. *Poster presented at Mid-America Undergraduate Psychology Research Conference*, Charleston, IL.

Amersdorfer, A., Paradis, B., & **Greene, H**. (2013). How Attention is Distributed during Visual Search: An Eye-tracking Study. *Poster presented at the annual conference of the Michigan Academy of Science, Arts & Letters.* Holland, MI.

Polisuk, Brittany M., *Fails*, *Ebony N., Greene, Perrier T*. & **Greene**, Harold H. (2012).   Luminance Contrast and Eye Movements During Visual Search. *Poster at University of Detroit Mercy Celebration of Scholarly Achievement*, Detroit, MI

Fails, Ebony N., *Polisuk*, *Brittany M., Paradis*, *Bryce A*., **Greene**, Harold H., & Toussaint-Greene, Minelle (2012). The Appeal of University Web Pages: An Eye-tracking Study. *Poster at University of Detroit Mercy Celebration of Scholarly Achievement*, Detroit, MI.

McCadney-Vines, R., Mora, D., Shobe, L, & **Greene**, H.H. (2011). Asymmetrical processing within the visual field during visual search. *Poster presented at Mid-America Undergraduate Psychology Research Conference*, Richmond, IN.

Slimack, J. & **Greene**, H. H. (2003). Can warnings minimize false memory for moving picture events? *Paper presented at the annual conference of the Southern Society for Philosophy and Psychology*, Atlanta, GA.

Harris, S. K.,* **Greene**, H. H., & Washburn, D. A. (1998). Attention in shoot/don't shoot decision making: Gender differences. *Poster presented at annual meeting of the Southeastern Psychological Association, Undergraduate Poster Session*, Mobile, AL. (*Morris Brown College student, Atlanta)

RESEARCH IN PROGRESS (2016)

I use eye-tracking technology to study a variety of saccadic processes involved in visual search, and scene cognition. I am assisted by graduate and (mostly) undergraduate students.

Manuscripts under review/in preparation:

Greene, H.H., & Brown, J. M. (In preparation). Effects of direction-selective gaze-contingent masks on Pre-, and post-saccadic fixation durations

Active projects:
   1. The perceptual span during visual search
   2. The saccade circuitry and visual field asymmetries
   3. Oculomotor behavior during the recognition of facial emotions
   4. Shape recognition in ambiguous (i.e. Rorschach) images
   5. Accident prevention with drowsy drivers: Eye movement indices as detectors

Some collaborators:
   J. M. Brown, Ph.D., University of Georgia, GA   (Project #2)
   Y-J Lee, University of Detroit Mercy, Detroit, MI (Project #3)
   Y-J. Chou, Ph.D., National Dong Hwa University, Taiwan (Project #3)
   V.B. Dauphin, Ph.D., University of Detroit Mercy, Detroit, MI (Project #4)
   A. Hoback, Ph.D., University of Detroit Mercy, Detroit, MI (Project #5)

Broad impact of our research

We use eye movement indices as a window on mental processing. Some aspects of our work contribute towards our understanding of the human brain at work, so that it may be fixed when it malfunctions. Some aspects contribute towards the development of (computational) models that assist humans with (or relieve them off) some demanding tasks that require visual attention. Other aspects contribute towards improving visual display conditions during the acquisition of visual information.

FEDERAL GRANT SUPPORT FOR STUDENT RESEARCH TRAINING

Krehbiel, D. A. (2013). Undergraduate Education at the NSF: An Underutilized Source of Funding for Teaching and Research in Psychology *National Science Foundation. TUES II* $5,051.00 (Collaborators: Erber, M., **Greene, H. H**., Moes, P., & Boylan, M.)

Hill, E., **Greene**, H. H, Grabowsky, G. (2007-2010). Enriched undergraduate research training using project-based laboratory courses. *National Science Foundation. TUES I* $143,596.00.

UNIVERSITY OF DETROIT MERCY RESEARCH GRANT SUPPORT

Greene, H. H. (2015). Equipment grant: Interest areas during the judgement of facial expressions. *UDMPU Faculty Research Award*. $575.00

Dauphin, V. B., **Greene**, H. H. & Munday, C. (2015). Eye movement studies of clinical issues. *UDMPU Faculty Research Award*. $4500.00

Greene, H. H. (2010). Stimulus contrast and visual search. *UDMPU Faculty Research Award*. $4142.20.

Dauphin, V. B. & **Greene**, H. H. (2009). Visual information processing and the Rorschach. *Unionized Faculty Research Fund*. $1547.20.

Greene, H. H. (2009). Equipment upgrade for the Vision Research Laboratory. *Unionized Faculty Research Fund*. $27,500.00.

Greene, H. H. (2008). The Perceptual Span Project. *Faculty Excellence Research Awards Committee*. $1,425.69.

Greene, H. H. (2005). Visual attention (A computer for the Vision Research Lab.). *College of Liberal Arts and Education Research Fund*. $625.00.

Greene, H. H. (2004). Originlab™ professional graphing and data analysis software. *IGrant*. $417.

Greene, H. H. (1999). Equipment grant for an Eyelink™ eye tracker. *College of Liberal Arts.* $41,500.00.

COLLOQUIUM TALKS AT ACADEMIC/MILITARY INSTITUTIONS (1996 - present)

Michigan State University; University of Massachusetts at Amherst (3 talks); Army Research Laboratory at Aberdeen Proving Ground; Fort Gillem (U.S. Army video tele-conference); Center of Excellence for Research on Training (2 talks); University of Georgia; Hawaii Pacific University at Honolulu.

SELECTED SERVICE <mark>+LEADERSHIP</mark>

UDM ADMINISTRATIVE SERVICE

UDM McNichols Shared Governance Task Force, Elected member+ (2012 - 2014)
- The Task Force is responsible for overseeing the implementation and maintenance of the shared governance framework at University of Detroit Mercy

UDM McNichols Faculty Assembly, Elected member+ (2005 –2007; 2011-2015)
- Plenary discussions of/voting on faculty governance issues

CLAE 11.6 (Voucher Fund for Research and Development Support) committee, Elected member (2009- 2010), Co-Chair+ (2010-2011), Chair+ (2011-2015)
- Policy-making; evaluation of petitions; disbursement of unused funds

UDM Animal Use and Care committee, Member (2001-present)
- Inspection of animal cages (from afar)

UDM African American Studies Advisory Board, Appointed member (2007-present) Chair+ (2014-present)
- National search for Director of African American Studies program
- Proposal for a Minor Curriculum in African American Studies

UDM CLAE Committee for Academic Procedures, Elected member (2003-2005)
- CLAE guidelines for Promotion & Tenure

UDM CLAE Promotion & Tenure Committee, Elected member (2003-2006; 2010-2013)
- Evaluation of promotion & tenure applications, and scribe duty
- Evaluation of UDMPU-CLAE research fund applications (2003-2006 term)

UDM Undergraduate Standards Committee, Elected MFA representative+ (2005-2007)
- UDM Study Abroad policy, UDM Minor policy, review of Academic Minors

UDM Academic Commission on the Status of Women, Appointed member+ (2002-2004)
- Analysis of salary data in gender equity study

UDM Search Committee for Associate Vice President of Information Technology Services, Appointed member (2002)
- Statistical analysis of candidates' priority scores

UDM Search Committee for Provost & Vice president for Academic Affairs, Elected member + (2002)
- Content analysis of faculty review comments

Psychology Department Curriculum Committee, Elected member, Co-Chair+ (2003-2007)
- Revision of Major curriculum proposal
- Psychology Minor proposal

Psychology Department, Chair pro tempore (January, 2011)
- Written evaluation of a Doctoral Comprehensive Exam grievance case

UDM MENTORING SERVICE

Psychology Minor program, Coordinator+ (2007- present)
- Recruitment; advising; graduation evaluation

Junior/Senior Faculty Mentoring Committee, Mentor (2011- present)
- Teaching, research & service mentoring events for untenured faculty members

Psi Chi (Psychology International Honor Society), Advisor (2001 - 2006)
- Inauguration events, fund raisers, GRE practice exams; the chapter received 2 model chapter awards (2002, 2003) from the Head Office (*based on the work of the students*)

UDM SOAR advising, Advisor (2002 - present)
- Academic advising sessions for in-coming freshmen

UDM Academic Exploration Program, Guest Presenter (2003, 2005)
- Presentations describing the Psychology Major Curriculum to students in search of a major

Slaton Scholar mentorship program, Mentor*,* (2002)
- The Slaton Scholarship fund was established for African-American freshman students in honour of Jesse Slaton, the first African-American woman to graduate from the UDM School of Law. I was available to talk to/mentor a freshman student, JT.

RESEARCH SERVICE

National Science Foundation (NSF), Invited Reviewer+ (2008 - present)
- Evaluation of research-training grant proposals; scribe duties

Frontiers in Cognitive Science, Review Editor+ (2012 - present)
- This journal publishes theoretical, experimental, methodological and applied papers related to the mind

UDM Internal Research Fund, Reviewer (2012 - present); Co-Chair+ (2014-present)
- Evaluation of internal grant proposals; workshop discussant

Displays journal, Ad hoc reviewer (2015)

Vision Research journal, Ad hoc reviewer (2013)

Perceptual and Motor Skills journal, Ad hoc reviewer (2012)

Medical Science Monitor journal, Ad hoc reviewer (2010)

Southern Society for Philosophy and Psychology (*SSPP),* Griffith Award paper reviewer (2000, 2002, 2006)

Eye Movement: A window on mind and brain (ISBN-13: 978-0080449807), Chapter Reviewer (2005)

Memory & Cognition journal*,* Ad hoc reviewer (2003)

Southern Society for Philosophy and Psychology (*SSPP),* Organizer & Chair+ (2003)
- Symposium on Trends in Eye Movement Research

Behavior Research Methods, Instruments & Computers journal, Ad hoc reviewer (2002)

Cognitive Science Society, Conference Abstract Reviewer (2002)

Southern Society for Philosophy and Psychology (*SSPP*), Conference Abstract reviewer (2001)

Investigative Ophthalmology & Visual Science journal, Ad hoc reviewer (2000)

RESEARCH MENTORING SERVICE

Doctoral dissertation committees in Psychology department [+] (2001 – present)

Doctoral second-year-project committees in Psychology department[+] (2008 – present)

Research Committee Chair in Psychology department [+]
- Title of thesis 1: Impulsivity in visual selective attention (2009)
- Title of thesis 2: Inattention in visual search (2009)
- Title of second year project: Vertical visual field asymmetry for initial saccade latency (2014)
- Title of second year project: Cultural differences in oculomotor behavior while decoding facial expressions of emotion (2015)

Vision Research Lab. at UDM, Supervisor of student projects[+] (1999 – present)

Psi Chi (Psychology International Honor Society), Undergraduate Conference Abstract Reviewer (2002 – 2005)

Michigan State Science Fair, Judge (2000)
- Evaluated High School Science projects

International Science & Engineering Fair (ISEF2000), Judge (2000)
- Evaluated High School Science projects

NON UDM ADMINISTRATIVE SERVICE

Calvin College's Psychology Department, External Reviewer[+] (2010)
- Site visit to campus in Grand Rapids, MI
- Evaluation & scribe duties

Southern Society for Philosophy and Psychology (*SSPP),* Council Member[+] & Co-Chair[+] of Membership Committee (2002, 2003)
- Conference planning

COMMUNITY SERVICE (Detroit, MI; Windsor, ON, Canada)

Sierra Leone Association of Michigan, Secretary[+] (2002-2003), Member (1999 – present)
- Humanitarian packages sent to Freetown; medical supplies periodically sent to the University of Sierra Leone

African Community Organization of Windsor, Board member[+] (2011- 2015)
- Community grant writing; community event planning

Cavaliers Cricket Club of Windsor, Trustee[+], & Secretary[+] (2010 – present), Member (2002 – present)
- Fund-raising (e.g. for Canadian Red Cross relief efforts, and for youth cricket)

SERVICE BEFORE MY ARRIVAL AT UDM

Institutional Review Board at Center of Excellence for Research on Training, Chair[+]
(1996-1998)

TECHNICAL EXPERIENCE

Eye movement monitoring: EYELINK head-eye trackers; ISCAN head-eye trackers; SRI dual purkinje image eye tracker; ASL head-mounted eye trackers.

Programming languages: Pascal, some C++, some Fortran.

Image processing: OriginPro, Data Translation Array Processor, Photoshop.

Experiment generators: Eyetrack, Superlab, MEL

Data analysis: OriginPro, SPSS, some R