

**CURRICULUM VITAE**  
**Lynnette Phillips McCluskey, Ph.D.**

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**EDUCATION and PROFESSIONAL POSITIONS**

Medical College of Georgia at Augusta University Augusta, Georgia	Professor	July 2020-present
Dept. Neuroscience & Regenerative Medicine	Associate Professor (tenured)	June 2007-June 2020
Department of Neurology	Assistant Professor	Sep 2005-June 2007
Medical College of Georgia Augusta, Georgia Department of Physiology	Assistant Professor	Jan. 2001-Aug 2005
Harvard Medical School Department of Neurobiology	Postdoctoral Fellow	1996-2000
Brigham & Women's Hospital ( <i>joint appointment</i> ) Department of Neurology (1996-1998) Department of Neurosurgery (1998-2000) Boston, Massachusetts (Mentor: Lois A. Lampson, Ph.D.)		
University of Virginia Charlottesville, Virginia Psychobiology (Mentor: David L. Hill, Ph.D.)	Ph.D. M.A.	1996 1995
Florida State University Tallahassee, Florida Psychology & Biology (Mentor: James C. Smith, Ph.D.)	B.A., Cum Laude	1990

## RESEARCH INTERESTS

Taste-immune interactions: modulation of taste function by local, systemic, and gastrointestinal inflammation; degeneration and regeneration in the taste system; SARS-CoV-2 induced taste loss.

## FUNDING

(MPI; Contact PI Macpherson)

Inflammation and innervation in the taste bud. *National Institutes of Health (NIDCD)*

4/1/2025-3/31/2030

*Pending*

1 R01 DC021701-01 (PI)

Injury-induced mechanisms of taste bud regeneration. *National Institutes of Health (NIDCD)*

4/1/2024-3/31/2029

\$516,385 (\$335,315 direct)/year

2R42DC020678-02 (Co-I; PI Hsu)

Novel Formulations Containing EC16 for Minimizing COVID-19-Associated Anosmia and Neurologic Symptoms

1/02/2024-12/30/2027

\$1,060,541 (\$740,702 direct/year)

*Pending*

1 R21 DC019832-01A1 (PI)

ACE2 in the healthy and inflamed taste system. *National Institutes of Health (NIDCD)*

3/1/2022-2/28/2025 NCE

\$231,000 (\$150,000 direct) / year

R01 NS112511-01A1S1 (Co-I)

Rheoerythrocyte dysfunction in stroke and remote ischemic conditioning (REDS); COVID-19 Neurological Georgia Cohort Study. *National Institutes of Health (NINDS)*

8/1/2020 - 1/31/2024

### Completed

R01 DC016668 (PI)

Cytokines in the regenerating taste system. *National Institutes of Health (NIDCD)*

5/1/18-4/30/23

\$323,885 (\$212,500 direct) / year

SRP Award (Mentor)

Macrophage phagocytosis of degenerating taste cells. Awarded to Amber Durand, student in the College of Dental Medicine. *Augusta University Provost's office, and the Translational Research Program of the Department of Medicine*

11/12/20-11/12-21

Mentor

Effect of Myeloid-Specific IL1R Deletion on Leukocyte responses to CT nerve injury. Dean's Summer Research Fellowship (student, Hari Lakshmanan). *Medical College of Georgia*

5/1/20-7/30/20

\*Distanced project to write review

Mentor

Taste cell regeneration and differentiation in mice with lingual-epithelial-specific IL-1R knockout. Dean's Summer Research Fellowship (student, Eddy Chang). *Medical College of Georgia* 5/1/19-7/30/19

Mentor

IL-1R signaling in the injured peripheral taste system. Dean's Summer Research Fellowship (student, Natasha Venugopal). *Medical College of Georgia* 5/1/19-7/30/19

PSRP00102 PI

Taste changes in a mouse model of inflammatory bowel disease. P.I. *Pilot Study Research Program Grant, MCG* 10/1/17-9/30/18

Sweet taste regulation by endotoxin. P.I. *Pilot Study Research Program Grant, MCG.* 1/2/15- 5/1/16

R01 DC005811 PI

Degenerative changes in the taste system (R01) at *National Institutes of Health (NIDCD)*. July 2003-January 2015.

Adipose inflammation mediates obesity-induced deficits in hippocampal plasticity (K01) Mentor; P.I. Dr. Alexis Stranahan. *National Institutes of Health (NINDS)* September 2013-August 2016.

Neutrophils Dynamics in Peripheral Nerve Degeneration. Dean's Summer Research Fellowship Mentor (student, Arkadiy Yadgarov). *Medical College of Georgia*, May – July 2009.

Adhesion Molecules and Chemokines in the Taste System. Ruth L. Kirchstein Predoctoral NRSA; Mentor (Fellow, Melissa Cavallin); *National Institutes of Health (NIDCD)*. January 2006 – December 2008. DC008263.

Inflammation in the Degenerating Taste System. Dean's Summer Research Fellowship Mentor (student Nikki Jaworski), *Medical College of Georgia*, May 2002-July 2002.

Neural-Immune Interactions in the Normal and Regenerating Taste System. P.I. Combined Intramural Grants Program, *Medical College of Georgia Research Institute*, October 2001-October 2002.

Site-Specific Regulation of Immune Function in the Central Nervous System. National Research Service Award, *National Institute of Mental Health*, F32 MK11612-01. November 1996-October 1999.

The Role of the Local Central Nervous System Regulatory Environment in Immune Function. *National Multiple Sclerosis Society Fellowship*, FG 1213-A-1. July 1996-June 1999.

## PROFESSIONAL EXPERIENCE

**Awards:**

2024 R21 ACE2 in the healthy and inflamed taste system. Chosen as sample grant for National Institutes of Health (NIDCD) <https://www.nidcd.nih.gov/funding/sample-grant-applications>

2021 MCG Woman Who Inspires, Medical College of Georgia

2015 Distinguished Teacher Award, Graduate School

2014 Distinguished Service Award, Graduate School  
2006 Ajinomoto Young Investigator in Gustation, Association for Chemoreception Sciences  
1998 Dale McFarlin Travel Award, National Multiple Sclerosis Society  
1996-1998 National Research Service Award  
1996-1999 National Multiple Sclerosis Society Fellow  
1993 and 1995 Travel Awards, Association for Chemoreception Sciences

***Professional Organizations:***

Association for Chemoreception Sciences 1992-1996, 2001-present  
Society for Neuroscience 1995-2011  
American Physiological Association 2002-2005  
International Society of Neuroimmunology 1998-2000

***Tenure & Promotion Evaluations (Ad hoc outside MCG-AU)***

2002, 2004 Washington & Lee University  
2009, 2020 University of West Georgia  
2009 Medical College of Virginia  
2019 University of Georgia  
2023 Joan C. Edwards School of Medicine at Marshall University  
2023 Monell Chemical Senses Center  
2024 University of Georgia

***Invited Presentations***

University of Texas at San Antonio, Dept. of Neuroscience, Developmental and Experimental Biology, November 2022  
University of West Georgia, October 2021  
Monell Chemical Senses Center, November 2019  
University of Georgia, Regenerative Bioscience Center, February 2019  
Medical College of Georgia, Dept. of Physiology, February 2019  
Wofford College, Department of Psychology and Program in Neuroscience, April 2018  
Symposium Co-Chair, "Emerging mechanisms for sensory-immune interactions", AChemS, Bonita Springs, FL 2017  
AChemS Annual Meeting, Bonita Springs, FL 2016  
Institute of Molecular Medicine & Genetics Seminar, MCG, 2012  
Hearing, Balance and Chemical Senses Seminar Series, University of Michigan, Ann Arbor, MI, 2008  
Department of Biology, Georgia State University, Atlanta, GA, 2007  
Institute of Molecular Medicine and Genetics Seminar Series, Fall 2007  
STAR Program, Medical College of Georgia, Summer 2007  
Cancer Biology & Gene Regulation Seminar Series, Medical College of Georgia, 2006.  
University Lectures Series, Washington & Lee University, Lexington, VA, 2006  
Department of Biology, Augusta State University, Augusta, GA  
Neuroscience Seminar Series, Medical College of Georgia, 2005.  
Department of Biology, University of South Carolina at Aiken, Aiken, SC, 2005  
Albany State University, Albany, Georgia, 2003.  
Department of Neurobiology, Wake Forest University Medical School, Winston-Salem, North Carolina, 2000  
School of Human Development, University of Texas, Dallas, Texas, 2000.  
Department of Neurosurgery, Brigham & Women's Hospital, Boston, Massachusetts, 2000.  
Winter Brain Research Conference, Snow Bird, Colorado, 1998.  
Northeast Immune Privilege and Regulation Society, University of Connecticut, Farmington, Connecticut, 1998.

International Society of Neuroimmunology Fifth Annual Congress, Montreal, Canada, 1998  
National Multiple Sclerosis Society Massachusetts Chapter, Waltham, Massachusetts, 1997.  
National Multiple Sclerosis Society, Academy of Arts and Sciences, Cambridge, Massachusetts, 1996.

### **Professional Service**

Director, Graduate Program in Neuroscience, Spring 2020-Spring 2023  
Member, Search Committee, College of Science and Math, Fall 2022-present  
Member, Dept. of Neuroscience and Regenerative Medicine Promotion & Tenure Committee, Feb 2020-present  
Department of Pharmacology & Toxicology, *ad hoc* Promotion & Tenure Committee, June 2022.  
Graduate School Dean's Search Committee, Fall 2020-Fall 2021  
Search Committee, Dept. of Neuroscience & Regenerative Medicine, February 2021-present  
Institutional Animal Care and Use Committee (IACUC), Alternate member, November 2019-April 2022  
Georgia Cancer Center, Internal K99/R00 Reviewer, October 2020  
Graduate Council, Medical College of Georgia representative, August 2017-October 2021  
Human Stem Cell Advisory Committee, Medical College of Georgia, August 2018-present  
BSL3 Facility exploratory group, Medical College of Georgia, June 2020-June 2021  
Educator Search Committee, Dept. of Neuroscience & Regenerative Medicine Chair, Spring 2018-2019  
Program Committee, AChemS, 2017-2020  
Director, Graduate Program in Molecular Medicine, Spring 2008-Summer 2020  
Search Committee, Dept. of Neuroscience & Regenerative Medicine Chair, August 2017-May 2019  
IACUC, Fall 2013-Fall 2019. Vice-Chair, August 2015-Sept 2019.  
Promotion and Tenure Appeals Committee, MCG (*ad hoc*, January-April 2013)  
Search Committee, Lab Animal Services Director, MCG, October 2012-2013  
Search Committee, Dean of the College of Graduate Studies, MCG, May 2012-2013  
Search Committee, IMMAG, Summer 2012-2013  
Search Committee, Brain & Behavior Discovery Institute, Spring 2012-present.  
External Member, Dept. of Pharmacology, Promotion & Tenure Committee, Fall 2012-Fall 2013  
Co-Chair, Animal Resources Committee, School of Medicine, Medical College of Georgia, Summer 2010-2013.  
Member of Senior Faculty Leaders Group (representing School of Graduate Studies); Meeting with Chancellor Error B. Davis, Summer 2010  
Counselor, *Association for Chemoreception Sciences (AChemS) Executive Council*, Summer 2008 – Summer 2010 (appointed for two terms).  
Institutional Animal Care and Use Committee (IACUC) subcommittee member, Summer 2009-2013.  
Elections Committee, *Association for Chemoreception Sciences (AChemS)*, Spring 2008.  
Chair, Molecular Medicine Graduate Education Committee (MMGEC), Spring 2009-present.  
Recruiting and Admissions Committee, School of Graduate Studies, Spring 2008-present.  
Curriculum Advancement Committee, School of Graduate Studies, Spring 2008 – present.  
Intramural Research Programs Review Committee, Medical College of Georgia, Spring 2008-2013.  
IMMAG Faculty Advisory Committee, Fall 2007-Fall 2009; Fall 2009-2012 (elected).  
Graduate Council, School of Medicine At-Large Member, Medical College of Georgia, July 2007 – July 2013 (elected to two terms).  
Search Committee, Cellular Biology and Anatomy, Spring, 2010.  
Membership, Voting, and Nominations Subcommittee, Academic Council, Medical College of Georgia, Spring 2006--Spring 2008 (elected).

Search Committee, Program in Developmental Neurobiology, IMMAG, January 2006-May 2007.  
 Program in Neuroscience Retreat Planning Committee, Medical College of Georgia, 2006, 2008, 2009.  
 Liason Committee on Medical Education (LCME), Faculty Committee, Medical College of Georgia, Spring, 2007.  
 Ad Hoc Academic Review Committee, School of Graduate Studies, September 2005.  
 Graduate Council, Medical College of Georgia, August 2002-August 2005 (elected).  
 Search Committee (Chair), Department of Physiology, Medical College of Georgia, March 2004-Dec 2004.  
 Advisory Committee to the Chair, Department of Physiology, Medical College of Georgia, March 2001-Oct 2004 (elected).  
 Executive Committee for the Program in Neuroscience, Medical College of Georgia, April 2003-May 2004.  
 Search Committees, Department of Physiology, Medical College of Georgia, 2002 and 2001.  
 Biomedical Research Council (BMRC)--Neurological Diseases Strategic Planning Committee, Medical College of Georgia, Fall 2003.  
 Participation in recruiting effort, including interviewing PhD and MD/PhD candidates and lab demos, 2001-present.  
 Social Committee, Department of Physiology, Medical College of Georgia, Fall 2002.  
 Liaison Committee on Medical Education Accreditation Site Visit, junior faculty representative, School of Medicine, Medical College of Georgia, February 2001.  
 Graduate curriculum committee, Department of Physiology, Medical College of Georgia, Spring 2001.

### **Other Professional Activities**

*Ad Hoc Reviewer for Journal of Neuroscience, Scientific Reports, Journal of Neurophysiology, Experimental Neurology, Neuroscience, American Journal of Physiology, Chemical Senses, Neuroscience Letters, Developmental Dynamics, NeuroImmunoModulation, Journal of Lipid Research, Developmental Biology, PLOS One, PLOS Biology, J Gene Dev, J Pharmacol Exp Therap, Genesis, Nutrients, ACS Pharmacology & Translational Science, Int J Mol Sci, Nutrients, ACS Pharm Transl Sci, Cell Prolif*

Member, Neuroscience of Interoception and Chemoreception (NIC) Review Panel, October 2023-2027  
*Ad hoc* NIH Reviewer, Special Emphasis Panel/Scientific Review Group 2022/05 ZDC1 SRB-Z (46), P50 Clinical Research Center grant  
*Ad hoc* NIH Reviewer, Special Emphasis panel ZRG1 IFCN-J 02 M and ZRG1 IFCN-U (07) 07/14/2021  
 Reviewer, Kansas IDeA Network of Biomedical Research Excellence (K-INBRE) Bridge Funding Grants, 12/2020  
*Ad hoc* NIH Reviewer, Chemosensory Systems (CSS) Scientific Review Group 10/15/20  
*Ad hoc* NIH Reviewer, Special Emphasis panel, COVID-19 U01 applications (NIDCD) ZRG1-IFCN-B-51, 10/16/20  
*Ad hoc* NIH Reviewer, Clinical and Integrative Diabetes and Obesity (CIDO) Scientific Review Group 10/19  
*Ad hoc* NIH Reviewer, Special Emphasis Panel/Scientific Review Group 2019/01 ZDC1 SRB-R, 10/12/18, 10/24/18, 2/21/19, 6/25/19, 7/1/19  
 Scientists for Animal Welfare (SCAW) meeting attendee, Miami 2013, Chicago 2015, Augusta 2018  
*Ad hoc* reviewer, Neural Systems Cluster, Integrative Organismal Systems Division, National Science Foundation, April 2014  
 Judge, MCG-UGA Graduate Award, Spring 2012

Reviewer for the Thomas F. and Kate Miller Jeffress Memorial Trust to support research in Virginia 2011

*Ad hoc* reviewer for NIH; NIAID Special emphasis panel “Immune Defense Mechanisms at the Mucosa” 2009

Reviewer for the Darrell W. Brann Scholarship in Neuroscience, MCG, 2009-present

Reviewer for the Intramural Grants Program, MCG 2005-2013

### ***Community Service and Educational Outreach***

Service Program in Neuroscience Education (SPINE) faculty advisor, Warren Road Elementary School, Augusta, GA 2023

Math and Science Day Speaker, Merriwether Elementary School, North Augusta SC 2019

Career Day speaker, Merriwether Elementary School, North Augusta SC 2016, 2017, 2018

Society of Women Engineers Career Fair (panelist), Aiken, SC 2012

Brain Awareness Week, Fort Discovery Science Museum, Augusta, GA, 2007 and 2008

(featured speaker)

### ***Teaching***

Lecturer, BIOM 8080 Neuroscience I, School of Graduate Studies, Augusta University, Spring 2002-present.

Course Director, NURO 9210 Investigation of a Problem, School of Graduate Studies, Augusta University, Spring 2020-present.

Course Director, NURO 9210 Research in Neuroscience, School of Graduate Studies, Augusta University, Spring 2020-present.

Organizer, Introduction to Faculty Research in Neuroscience, School of Graduate Studies, Augusta University, 2020-present.

Lecturer, MEDI 5166 Medical Neuroscience, School of Medicine, MCG, Spring 2001-2019.

Small Group Leader, MEDI5166 Medical Neuroscience – Special Senses (8 hrs) and Somatosensory System (8 hrs), Medical College of Georgia, Spring 2015

Course Director, BIOM 9040 Molecular Medicine Journal Club, School of Graduate Studies, MCG, Spring 2011-2019 (meets 1 hr / week Fall and Spring semesters).

Course Director, MOLM 9210 Investigation of a Problem, School of Graduate Studies, Augusta University, Spring 2011-2019.

Course Director, MOLM 9210 Research in Molecular Medicine, School of Graduate Studies, Augusta University, Spring 2011-2019.

Organizer, Introduction to Faculty Research in Molecular Medicine, School of Graduate Studies, Augusta University, 2011-2020.

Lecturer, Topics in Oral Biology I, School of Dentistry, MCG, Fall 2010.

Co-Course Director and Lecturer, Advanced Neural and Endocrine Systems, School of Graduate Studies, Medical College of Georgia, Fall 2002 and Fall 2004.

Lecturer, Physiology, Summer Educational Enrichment Program, Medical College of Georgia, Summer 2001-2005.

Mentor, Undergraduate Research Program student from Paine College, Augusta, Georgia, September 2001-2003.

Lecturer, Essentials of Physiology & Pharmacology, School of Graduate Studies, Medical College of Georgia, Spring 2002.

Lecturer, Physiomics and Pharmacological Genomics, School of Graduate Studies, Medical College of Georgia, Fall 2001.

Co-Course Director and Lecturer, The Neurobiology of Immune Regulation, Graduate Program in Neurobiology, Harvard Medical School, Spring 1998

Supervisor, Undergraduate research student, Simmons College, Boston, Massachusetts, September 1998-May 1999.

Instructor, Methods in Neurobiology and Behavior, University of Virginia, Charlottesville, Virginia, August 1991-May, 1993

Teaching Assistant, Introduction to Psychobiology, University of Virginia, Charlottesville, Virginia, September 1991-May, 1994

### ***Students Supervised***

#Student from a group underrepresented in Biomedical Science

\*primary mentor

### Graduate students

\*Emma Heisy, Spring, PhD student, 2022-present

#Khalia Cummings, rotation student, Fall 2023

#Kirstyn Denney, rotation student, Fall 2021

#Natalie Mseis, rotation student, Fall 2020

Karah Greene, rotation student, Fall 2020

Katelyn Mullenix Alverson, rotation student, Fall 2018

Frederick Baker, rotation student, Fall 2018

\*Devaki Kumahria, Medical College of Georgia (graduate student), Summer 2011-March 2015

\*Caitlin Madigan, Medical College of Georgia (graduate student), Summer 2011 – Fall 2012

\*Xiaobin Zhu, Wuhan University & Medical College of Georgia (graduate student, International Graduate Exchange Trainee Program), Summer 2010 – Fall 2012 *Currently a clinician-scientist at Wuhan University*

Ashley Wilson, rotation student, Fall 2010

Mona el Rafaey, rotation student, Fall 2010 & Spring 2011

\*Liqiao Shi, Wuhan University & Medical College of Georgia (graduate student, International Graduate Exchange Trainee Program), Summer 2007 – December 2009. *Currently a faculty member at the Agricultural Science and Technology Center, Hubei Province.*

\*Pamela Wall, Medical College of Georgia (graduate student), Spring 2004-Fall 2008. *Currently a faculty member at Aiken Technical College*

\*Melissa Cavallin, Medical College of Georgia (graduate student), Spring 2003-Spring 2007; *Currently Professor in the Dept. of Biology at the University of West Georgia*

Annie Ting, rotation student, Spring & Summer 2007

Thomas Cullen, rotation student, Fall 2006 & Spring 2007



Frank Spradley, rotation student, Fall, 2006  
Jessica Martin, rotation student, Fall, 2005  
#Danielle Danelly, rotation student, Fall, 2004  
Muraly Puttabyatappa, rotation student, Fall, 2004  
Crista Royal, rotation student, Fall, 2004  
Katie West, rotation student, Fall, 2003  
Christine Rigsby, rotation student, Spring, 2003

#### High School, Undergraduate and MS students

#Jaeshia Lindsey, Spring 2023-present  
#William Garcia (Oral Biology MS student) Summer 2022-present  
Bailey Barnett, Fall 2022  
\*#Khaylie Boothe (Honors Thesis student), Fall 2021-Summer 2023  
Poonam Patel (Thesis student), Summer 2021 – Summer 2022  
\*#Fama Faal (Honors Thesis Student), Fall 2020-Fall 2023  
Jennifer O'Quinn Fall 2021-Spring 2022  
Disha Patel (BS-MD student), Spring 2020  
Sandya Vikram (BS-MD student), Fall 2019-Spring 2020  
Julia Powell, (summer student) Hillsdale College, Summer 2019  
#Alexis Jones (high school student) Grovetown High School, Fall 2017  
Tabatha Davis (STAR student) High Point University, Summer 2009  
Padma Sarvepalli (summer student; STAR program participant) University of Miami, Summer, 2005- Fall 2008.  
#Nadia Reese (undergraduate student), Augusta State University, Spring 2007-Spring 2008.  
#Joiet Wesley (undergraduate honors student) Paine College, Fall 2002-Spring 2003

#### Medical / Dental students

#Amber Durand, Dental College of Medicine (DDS student), Summer 2020-present.  
*\*Winner of the Mark Ritz Scholarship from the Pierre Fauchard Academy, International Honor Dental Organization, Georgia section*  
Hari Lakshmanan, Medical College of Georgia (medical student), Summer 2020  
Natasha Venugopal, Medical College of Georgia (medical student), Summer 2019-Fall 2021  
Eddy Chang, Medical College of Georgia (medical student), Summer 2019  
Shan Sharif, Medical College of Georgia (medical student), Summer 2010  
Arkadiy Yadgarov, Medical College of Georgia (medical student), Spring – Summer 2009  
Nikki Jaworski, Medical College of Georgia (medical student), Summer 2002

#### **Dissertation Committees**

*(PhD students unless noted otherwise)*

Casey Cryan (Advisor, Dr. Brian Muntean, Pharmacology), Spring 2023-present  
Ryan Wood (Advisor, Dr. Lindsey McPherson, UT SA), Fall 2022-present  
Kris Mays (Advisor, Dr. Hedong Li, Dept. Neuroscience & Regenerative Med), Summer 2022-present  
Dina Kira (Advisor, Dr. Larry Layman, Dept. Neuroscience & Regenerative Med), Spring 2022-present  
Frederick Bonsack (Advisor, Dr. Sangeetha Sukamari-Ramesh, Pharmacology & Toxicology), Spring 2022-present  
Noah Watson (Advisor, Dr. Sangeetha Sukamari-Ramesh, Pharmacology & Toxicology), Spring 2022-present  
Natalie Mseis (Advisor, Dr. Hedong Li, Dept. Neuroscience & Regenerative Med), Summer 2022-present

Jacob Kumro, MD/PhD student (Advisor, Dr. David Blake, Dept. Neuroscience & Regenerative Med), Summer 2018-Fall 2021

Luodan Yang, PhD student (Advisor, Dr. Quanguang Zhang, Dept. Neuroscience & Regenerative Medicine), Fall 2018-Fall 2021

Katelyn Alverson, (Advisor: Dr. Kris Dhandapani, Neurosurgery), Summer 2020-Fall 2020; earned an MS

Yujiao Liu, PhD student (Advisor, Dr. Darrell Brann, Dept. Neuroscience & Regenerative Medicine), Fall 2018-Spring 2020.

Wonjo Jang, MD/PhD student (Advisor, Dr. Jianhua Xu, Dept. Neuroscience & Regenerative Med), Summer 2018-2019

Marisa Seamon (Advisor: Dr. Ruth Harris, Physiology), Fall 2017-Spring 2019

Molly Braun (Advisor: Dr. Kris Dhandapani, Neurosurgery), Spring 2016-Summer 2019

Lorelei Tucker (Advisor: Dr. Quanguang Zhang, Dept. of Neuroscience & Regenerative Med) Summer 2016-Spring 2019

Rachel Roberts (Advisor: Dr. Albert Pan, Dept. of Neuroscience & Regenerative Med) Spring 2016-Summer 2017, awarded MS

Sarah Sharman (Advisor: Dr. Darren Browning, Biochemistry and Cancer Biology) Spring 2015-Fall 2017.

Rebecca Ward (Advisor: Dr. Advije Ergul, Neuroscience) Spring 2015-Spring 2018.

Roshni Thakkar (Advisor: Dr. Darrell Brann, Neuroscience) Spring 2015 – Fall 2017.

Merry Ma, MD/PhD student (Advisor: Dr. Darrell Brann, Neuroscience), Spring 2015 – Spring 2018.

Amanda Crider (Advisor: Dr. Anil Pillai, Psychiatry), Spring 2013-Fall 2016.

Marvin Qu (Advisor: Dr. Advije Ergul, Physiology), Summer 2013-Spring 2014

Ashley Wilson (Advisor: Dr. David Kozlowski, IMMAG) Fall 2012 – Spring 2013

David White (Advisor: Dr. Jeffrey Mumm, Cell Biology & Anatomy), Fall 2012 – Fall 2015

Erin Scott, MD/PhD student (Advisor: Dr. Darrell Brann, IMMAG), Summer 2012 – Spring 2014

Samuel Quaynor, MD/PhD student (Advisor: Dr. Lawrence Layman, IMMAG), Fall 2011 – Spring 2013

Jessica Shields (Advisor: Dr. Kris Dhandapani, Neurosurgery), Summer 2011-Summer 2015.

Anupama Sathyamurthy (Advisor: Dr. Lin Mei, IMMAG), Spring 2011-Fall 2014.

Ryan Bates (Advisor: Dr. Lin Mei, IMMAG), Spring 2010-Summer 2014.

A.J. Blackburn, MA student (Advisor: Dr. Karl Wenger, Orthopedics), Spring 2010-Spring 2011.

Jonathon Bean (Advisor: Dr. Lin Mei, IMMAG), Spring 2010-Spring 2015.

Davies Agyekum (Advisor: Dr. Steffen Meiler, Anesthesiology), Fall 2009- Summer 2013.

Donald Kimbler (Advisor: Dr. Krish Dhandapani, Neurosurgery), Fall 2009-Spring 2012.

Junko Arriga (Advisor: Dr. Jeff Mumm, Cellular Biology & Anatomy), Fall 2009 – Spring 2012.

Rebecca Nalloor (Advisor: Dr. Almira Vazjarjanova, Synapses & Cell Signaling / Neurology), Fall 2008 – Summer 2012.

Melissa Laird (Advisor: Dr. Kris Dhandapani, Neurosurgery), Spring 2008-Spring 2011.

Kin Lai (Annie) Ting (Advisor: Dr. Lin Mei, IMMAG), Spring 2008-Spring 2010.

Fred Kang (Advisor: Dr. David Blake, Synapses & Cell Signaling / Neurology), Fall 2007-Spring 2010.

Heather Cathcart (Advisor: Dr. Sally Atherton, Cellular Biology & Anatomy), Spring 2007-Fall 2009.

Tiffany Floyd (Advisor: Dr. David Kozlowski, IMMAG), Fall 2007 – Summer 2009.

Elsie Wong (Advisor: Dr. David Blake, Synapses & Cell Signaling / Neurology), Summer 2006-Spring 2011.

Daniel Mandel (Advisor: Dr. Ann Schreihof, Physiology), Spring 2006-Fall 2008.

Beth Richter (Advisor: Dr. Sally Atherton, Cellular Biology & Anatomy), Fall 2006-Summer 2008.

Katie West (Advisor: Dr. David Kozlowski, IMMAG), Spring 2006-Fall 2008.

Eleanor Fennell – School of Nursing Ph.D. student (Advisor: Dr. Shirley Poduslo, IMMAG), Spring 2006-Spring 2009.  
Christine Rigsby (Advisor: Dr. Anne Dorrance, Physiology), Fall 2003-Fall 2006.  
Mark Fields (Advisor: Dr. Sally Atherton, Cellular Biology & Anatomy), Spring 2003-Spring 2008.  
Jason Niehouse (Advisor: Dr. Deborah Lewis, Pharmacology & Toxicology), Spring 2003-Summer 2006.

### **Dean's Representative / Acting Dean**

Christy McCracken –Acting Dean for Defense (Advisor: Dr. Stephen Looney, Biostatistics) Summer 2013  
Wararat Kittikuluth – Acting Dean for Defense (Advisor: Dr. David Pollock, Experimental Medicine), Summer 2012  
Colleen Carey (Advisor: Dr. Xingxiong Shi, Genomic Medicine), Spring 2010.  
Shalini Padmanabhan (Advisor: Dr. Balakrishna Prasad, Pharmacology & Toxicology), Fall 2008  
Rachel Novak (Advisor: Dr. Andrew Phillips, IMMAG), Spring 2006  
Namita Wagle (Advisor: Dr. James Borke, Oral Biology), Fall 2003  
Derin Keskin (Advisor: Dr. Andrew Mellor, IMMAG), Spring, 2001

### **Reader for Thesis Defense**

Kristen Ates, MD/PhD (Advisor: Dr. Albert Pan, Neuroscience & Regenerative Medicine), Spring 2019  
Grace Fox (Advisor: Dr. Joe Tsien, Neuroscience & Regenerative Medicine), Summer 2018  
Thiri Lin (Advisor: Dr. Lin Mei, Neuroscience & Regenerative Medicine), Fall 2017  
Tong Luo (Advisor: Dr. Bo-Shiun Chen, Neuroscience & Regenerative Medicine) Summer 2017  
Connie Chung (Advisor: Dr. Bo-Shiun Chen, Neuroscience & Regenerative Medicine) Spring 2016  
Bhavna Desai (Advisor: Dr. Ruth Harris, Physiology), Fall 2014.  
Christy Howell (Advisor: Dr. Anil Pillai, Psychiatry), Spring 2013.  
Melanie King (Advisor: Dr. Krishnamurthy Dhandapani, Neurosurgery), Spring 2013.  
Christina Wilson (Advisor: Dr. Alvin Terry, Pharmacology & Toxicology), Fall 2012  
Lakiea Bailey (Advisor: Dr. Wendy Bollag, Physiology), Spring 2012  
Brandon Hall (Advisor: Dr. Alvin Terry, Pharmacology), Spring 2012.  
Limor Raz (Advisor: Dr. Darrell Brann, Neuroscience), Spring 2011.  
Shalini Padmanabhan (Advisor: Dr. Balakrishna Prasad, Pharmacology & Toxicology), Fall 2008.  
Mark Wichter MD/PhD (Advisor: Dr. Kristen Harris and Dr. Darrell Brann, Program in Neuroscience), Spring 2007.

## **BIBLIOGRAPHY**

Dong G, Boothe K, He L, Shi Y and **LP McCluskey** (2023) Altered peripheral taste function in a mouse model of inflammatory bowel disease. *Sci Rep* 13(1):18895. PMID: 37919307

Dong G, Kogan S, Venugopal N, Chang E, He L, Faal F, Shi Y and **LP McCluskey** (2023) Interleukin (IL)-1 receptor signaling is required for complete taste bud regeneration and the recovery of neural taste responses following axotomy. *J Neurosci* 43(19): 3439-3455. PMID: 37015809 *\*Featured article selected by Editors*

Heisey EM and **LP McCluskey** (2023) A possible role for taste receptor cells in surveying the oral microbiome. *PLOS Biol* 21 (1): e3001953. PMID: 36638078

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Chen, AK, Wang X, **McCluskey LP**, Morgan JC, Switzer JA, Mehta R, Tingen M, Su S, Harris RA, Hess DC, Rutkowski EK (2022) Neuropsychiatric sequelae of long COVID-10: Pilot results from the Covid-19 neurological and molecular prospective cohort study in Georgia, USA. *Brain Beh Immun Health* 24: 100491. PMID: 9290328

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### **Abstracts**

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\*Lindsay J, Heisey E, Kogan S and LP McCluskey (2023) Sex Differences in The Morphology of Taste Bud-Specific *Ace2* Knockout Mice. Annual S-Stem REC Scholars Meeting, NSF and AAAS, Washington DC. *\*Invited presentation*

G. Dong, S. Kogan and LP McCluskey (2022) Tumor Necrosis Factor (TNF) Receptor Signaling is Required for Taste Bud Regeneration and Neurophysiological Recovery from Chorda Tympani Nerve Sectioning. *Association for Chemoreception Sciences (AChemS) Annual Meeting, Bonita Springs, FL*

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McCluskey LP, He L, Nelson T and Pittman DW (2016) Inhibition of neurophysiological and behavioral responses to sweet stimuli by gastrointestinal LPS. *Association for Chemoreception Sciences (AChemS) Annual Meeting, Bonita Springs, FL* **\*selected for presentation**  
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