

Curriculum Vitae

John D. Griffin, Ph.D.

March 1st, 2022

CURRENT POSITIONS:

**Senior Associate Provost and Professor of Biology
Clemson University**

NARRATIVE:

Griffin currently serves as the Senior Associate Provost at Clemson University. As a member of Clemson's leadership team, Griffin played a collaborative role in the development and implementation of the ClemsonForward strategic plan, which includes several key initiatives focused on increasing diversity and inclusion across the campus, and initiatives that increased the level and quality of research and scholarship while reaffirming the university's commitment to community engagement. Over the past six years, he has led strategic initiatives that have resulted in the highest first year retention (93.6%) and graduation rates (65.5% & 84.9%) in Clemson's modern history. Nationally, Griffin is serving as the lead for the southeast cluster of institutions involved in APLU's Powered by the Publics student success initiative and is Clemson's representative on a recent ACE Presidential Task Force on Transfer Credit. Prior to his arrival at Clemson, Griffin was a respected academic and administrative leader at William & Mary. He served for nine years as the founding Director of the Neuroscience Program. This was followed by appointment as Dean of Undergraduate Studies and Divisional Dean for the Natural and Social Sciences. During this time, he collaboratively led the revision of the general education program and several other major initiatives, including the establishment of the endowed Center for the Liberal Arts. Over his sixteen years on the faculty at William & Mary, he also maintained an academic career as a respected neurophysiologist, receiving funding from both the National Science Foundation and the National Institutes of Health to study the central neural mechanisms of thermoregulatory control. Griffin received tenure and promotion to full professor while at William & Mary, was named the Class of 2012 Professor of Biology and Neuroscience, received the Plumeri Award for Faculty Excellence, and the Phi Beta Kappa Society's Faculty Award for Excellence in Teaching. Griffin also completed a three-year postdoctoral fellowship at Harvard Medical School, while also serving as a teaching fellow at Harvard College. This was followed by three years as an Assistant Professor at Sacred Heart University. He received his B.S. in Biology from the University of North Carolina Wilmington and his M.S. & Ph.D. in Physiology from The Ohio State University.

EDUCATION:

Ph.D. Physiology	The Ohio State University, September, 1993.
M.S. Physiology	The Ohio State University, January, 1991.
B.S. Biology	Univ. of North Carolina Wilmington. May, 1988.

ACADEMIC POSITIONS:

2021 – Present	Senior Associate Provost, Clemson University
2020 – 2021:	Senior Associate Provost & Dean of Undergraduate Studies Clemson University
2015 – 2019:	Associate Provost & Dean of Undergraduate Studies, Clemson University
2015 – Present:	Professor of Biology, Clemson University
2012 – 2015:	Dean of Undergraduate Studies, William & Mary Divisional Dean, Nat. & Social Sciences, William & Mary
2011 – 2015:	Professor of Biology & Neuroscience, William & Mary
2011 – 2012:	Associate Dir., Program in Neuroscience, William & Mary
2002 – 2011:	Director, Program in Neuroscience, William & Mary
2004 - 2011:	Associate Professor, William & Mary
1999 - 2004:	Assistant Professor, William & Mary
1996 - 1999:	Assistant Professor, Sacred Heart University
1993 - 1996:	Postdoctoral Research Fellow, Harvard Medical School
1993 - 1996:	Teaching Fellow, Harvard University

PROFESSIONAL RECOGNITION:

Awards & Honors

2018	Induction into Phi Kappa Phi, Clemson University
2011:	Plumeri Award for Faculty Excellence, William & Mary
2011:	Phi Beta Kappa Award for Teaching Excellence, William & Mary
2009 - 2012:	Class of 2012 Professor of Biology & Neuroscience, William & Mary

- 1995: Certificate of Distinction in Teaching, Derek Bok Center for Teaching and Learning & Office of the Dean for Undergraduate Education, Teaching Fellow for *Introductory Neurobiology*, Dept. of Cellular and Molecular Biology, Harvard University
- 1994: Certificate of Distinction in Teaching, Derek Bok Center for Teaching and Learning & Office of the Dean for Undergraduate Education, Teaching Fellow for *Introductory Neurobiology*, Dept. of Cellular and Molecular Biology, Harvard University
- 1992: The Ohio State University, Bennett Graduate Research Society, Poster Presentation Award Winner
- 1990: Procter and Gamble Professional Opportunity Award, The Environmental and Exercise Physiology Section, FASEB Meetings

Leadership in Professional Societies/Organizations

- 2018-Present: Regional Group Leader, Powered by the Publics, APLU
 2020-Present: Principal Investigator - Intermediaries For Scale Grant, APLU
 2020-2021: Member, National Task Force on Transfer of Credit, ACE
 2004-2009: Treasurer and Director of Events: Teaching Section, American Physiological Society

Professional Development

- 2017 Leadership in Education Program, Harvard School of Education
 2014 Management Development Program, Harvard School of Education
 2013: Leadership Training Course, William & Mary
 2013: eLearning Conference, Council of College of Arts and Sciences
 2006: Leadership Academy for Dept. Chairs, Amer. Council on Educ.
 2004: Chair/Director Training Course, William & Mary

Development / Campaigns & Alumni Engagement

- **Will to Lead, Clemson University** (1B Campaign, Completed in 2017)
- **Clemson Forever**
 - Goal: 1Billion Public Launch: Spring 2021 (Tentative)
 - Strategic Focus: Clemson Forward Strategic Plan Priorities
 - Provost Office Initiatives
 - Endowed Chairs & Professorships
 - Student Scholarships & Student Success

- Personal Involvement / Achievement
 - Strategic Priorities
 - University Convocation Program (Endowed Chairs)
 - Vickery Hall Re-Envisioning & Renovation
 - 10M to support First-Generation Students

- **For the Bold, The Campaign for William & Mary**
 - Goal: 1 Billion Public Launch: 2015

 - Strategic Focus (Pillars):
 - Where Great Minds Meet (580M)
 - Making the Remarkable (320M)
 - Passion for Impact (100M)

 - Personal Involvement / Achievement (2012 -2015)
 - Strategic Planning Process
 - Strategic Priorities: Arts & Sciences
 - 20M Annual/Estate gift, Center for the Liberal Arts

PROFESSIONAL EXPERIENCE:

UNIVERSITY:

Senior Associate Provost, Clemson University (2020 – Present)

*Stepped back from role as Dean of Undergraduate Studies on 8/1/21 to focus on strategic initiatives (see below)

- Serve as the chief advisor to the Provost

- Responsibilities:
 - Support hiring, training, and professional development of faculty & staff
 - Support research and scholarship across the seven colleges
 - Organize and lead the implementation of a new general education program
 - Support teaching and learning across the university
 - Curricular analysis, alignments, innovations, and policy
 - Collaborative role in the management of the Division of Academic Affairs annual budget (~450M) and the University’s budget process (~1.2B)

- Reporting Units:
 - Clemson Online
 - Office of Teaching Effectiveness and Innovation
 - Watt Family Innovation Center

- **Strategic Initiatives**

- Re-Envisioning of the University's Strategic Plan
 - Neuroscience Initiative with Medical Univ. of South Carolina
 - Experiential Learning
- Development of a Center for Innovation in Research and Teaching
- Summer Programming and Enrollment
- University Wide Curricular Review
- ACC sponsored Accelerate Innovation Festival
 - Collaboration with the Smithsonian Museum of American History
 - To be held at the Museum April 8-10, 2022
 - Participated in the Selection & Curation of Exhibits and Support during the Festival

Senior Associate Provost & Dean of Undergraduate Studies (2020 – August, 2021)

Associate Provost & Dean of Undergraduate Studies (2015 – 2019)

Clemson University

- Responsible for Undergraduate Curriculum & Academic Support Programming
 - Students: 20,868 Students
 - Majors: 80+ Degree Programs, including several accelerated Masters, and Professional programs.
- Formulate standards, policies, procedures, and review of all undergraduate Programs
- Coordinate general education and academic advising across the curriculum
- Maintain the integrity of the undergraduate curricula
- Work closely with the seven college deans and other administrators across the University on the **ClemsonForward** strategic planning & budgeting process, with a focus on academic success.
- Major Initiatives:
 - Internal Focus:
 - Academic Task Force in Response to the COVID-19 Pandemic
 - Emergency Operations Center – Academic Continuity Planning
 - General Education Revision
 - Implementation of the CU Navigate advising platform
 - Relocation of the Bridge to Clemson Program to an on-campus residency
 - Development of Vickery Hall as a Student Academic Support Center
 - Development of a University Testing & Education Center
 - Development of the Tigertown Summer Bound Program for new freshmen
 - Development of Accelerated Undergraduate/Graduate Degree Programs
 - Internally with Clemson Graduate Programs
 - Externally with Graduate and Professional Programs at MUSC

External Focus:

- Annual Men of Color National Summit, Leadership Team Member
- ACE (American Council on Education)
 - National Task Force on Transfer of Credit
 - Pilot Transcript Study
- APLU (Association of Public Land-Grant Universities)
 - Powered by the Publics Initiative, Regional Team Leader
 - Commission on Information, Measurement & Analysis (Member)
- Tri-County Technical College, Arts & Sciences Advisory Board Member
- Education Advisory Board, Student Success Innovation Council Member
- ACC Academic Leadership Network, University Liaison
- ACC Accelerate Festival, Leadership Team Member
(American History Museum, Smithsonian Institute: Nov '17 & April '19)

• Reporting Units:

- Office of Undergraduate Studies
- Academic Success Center
- Bridge to Clemson & Transfer Programs
- Freshman Academic Programs
- Undergraduate Assessment Office
- Office of Teaching Effectiveness & Innovation
- Center for Career and Professional Development
- Rutland Institute for Ethics
- Student Accessibility Services
- Athletics Academic Services

**Dean of Undergraduate Studies & Divisional Dean, College of Arts & Sciences
William & Mary (2012 – 2015)**

- Responsible for Undergraduate Enrollment & Planning.
 - Students: 6,500
 - Majors: 40+ Degree Programs
- Served as the Chief Transfer Officer of the University. Responsible for transfer student initiatives and for the implementation of all statewide transfer and co-enrollment agreements.
- **Divisional Dean for Natural & Social Sciences:** Biology, Computer Sciences, Economics, Geology, Government, International Relations, Kinesiology & Health Sciences, Mathematics, Military Science, Public Policy, and Sociology.
Responsibilities included oversight with Chairs and Directors on managing budgets (~30M), personnel issues (tenure & promotion), the hiring of tenure eligible faculty, and regular external program reviews.

- Major Initiatives:
 - Revision of the General Education Curriculum.
 - Served on the Grand Challenge I Strategic Planning Committee.
 - Represented Arts and Sciences for select Development Initiatives.
 - Implementation of Digital Measures across Arts and Sciences.
 - Implementation of the data analytic software Argos.
 - Development of e-Learning Education Policies & Procedures.
 - Served on the 10 year SACS review committee, which includes the development of an updated Quality Enhancement Plan.
 - Implementation of Electronic Course Evaluations.
- Reporting Units: Office of Academic Advising.
- Enrollment Management: In coordination with the Office of Student Affairs, the Dean of Students, and the University Registrar, responsible for the planning and implementation of all orientation and registration sessions.
- Search Committee Service: Director of Academic Advising; Dean of Education Policy; Dean of Students; Vice President for Human Resources; Associate Provost for eLearning Initiatives.
- Committee Appointments: Committee on Degrees, Chair; Committee on Academic Status, Ex Officio; Instructional Technology Advisory Committee; Statewide Committee on Transfers; Campus Assessment and Intervention Team (Violence Prevention & Education)
- Dean's Office Liaison to: Registrar's Office; Student Affairs; Admissions

University Service: Pre-Appointment as Dean of Undergraduate Studies & Divisional Dean, William & Mary

- Chair, Arts & Sciences Study Abroad Sub-Committee: Responsible for approval of all new Study Abroad Programs, selection of all Program Directors & Faculty, and the Development of a RFP for A&S Internationalization. (2011-12)
- Recreation Sports Assistant Director Search Committee (2012)
- International Advisory Council (June, 2010 – 2012)
- Borgenicht Advisory Board (2004 – 2014)
- Chair, Beckman Scholar's Committee (2011)
- Plumeri Award Committee (2011)
- Study Abroad Ad Hoc Committee (2010)
- Dean's Advisory Committee (2004 – 2010)
- Washington D.C. Alumni Conference with the Provost (April 1st, 2010)
- Faculty of Arts & Sciences: Nominations & Elections Committee (2007 – 2010)
- Class of 2013 Associate Professorship Selection Committee(2010)
- Assistant Director of Recreational Sports Search Committee (2010)

- Associate Dean Selection Committee (2009)
- Institutional Animal Care and Use Committee (2003 – 2008)
- Information Technology Advisory Committee (2006 – 2008)
- New Faculty Mentor (2007)
- University Honors Committee (2006)
- University Teaching Project (2006)
- Chair, Dean Schwartz Evaluation Committee (2005)
- Convener, Neuroscience Program Seminar (2005)
- New Faculty Mentor (2005)
- SACS-General Education Advisory Committee (2004)
- Thomas Jefferson Prize in Natural Philosophy. Comm. Chair & Convener (2003)
- Verizon Summer Research Grant Funding Committee (2002)
- University Teaching Project (2001)

DEPARTMENT & PROGRAM:

Associate Director of the Neuroscience Program, William & Mary (2012):

- Program Liaison to the Development Office
- Involved with Integrated Science Center Phase III planning
- Other duties at the request of the Program Director

Director of the Neuroscience Program, William & Mary (2002 – 2011):

- Played a major role in the restructuring of the Biological Psychology program to become the Interdisciplinary Program in Neuroscience. This included direct involvement with curriculum management, course development, and advising.
- During my time as the Director of the Neuroscience Program, there were several important curricular revisions, a graduation class that grew from ~20 to 72 in 2011, and a growth in faculty that now consists of 18 full-time members from 5 traditional departments.
- Directed the first official Neuroscience Program Review in 2010-2011.
- Annual Responsibilities:
 - Retreats for the Neuroscience Faculty
 - Fall & Spring Neuroscience Symposia
 - New Majors Informational Meetings
 - Meetings with Perspective Students & Their Families
 - Commencement Reception for Neuroscience Majors & Their Families
 - Chair, Excellence in Neuroscience Awards Committee

Faculty Member of the Department of Biology, William & Mary:

- Chair, Personnel Committee (2011-2012)
- Curriculum Committee (1999 – 2001, 2009 - 2012)
- Honors & Undergraduate Research Committee (2006 - 2012)
- Junior Faculty Mentor: Jon Allen (2010 – 2015)
- Biomath Position Search Committee (2010-2011)
- Virology Position Search Committee (2007-08)
- Integrated Science Center Phase I & II Planning Committee (2004 – 2009)
- Lab Instructor Search Committee (2007)
- Personnel Committee (2004 - 2005)
- Graduate Committee (1999 - 2001)
- Human Subjects Committee (2000 – 2007)
- Restructuring of the Physiology Teaching Laboratory & Curriculum changes to Neurophysiology, supported by the HHMI Grant Program. (2001-2005)
- Participated in the submission of an equipment acquisition grant to the NSF, and selection of a departmental Confocal Microscope, 2000
- Annual Responsibilities:
 - Development Initiatives
 - Advising (Freshman / Transfer / Biology / Neuroscience)
 - Student Committees: Honors, Master Thesis, and Doctoral Dissertations

OTHER PROFESSIONAL SERVICE:

- Reviewer for Scientific Journals:
 - American Journal of Physiology; Journal of Neuroscience;
 - Advances in Physiology Education; Brain Research; FEBS Letters
- Reviewer for Grant Proposals:
 - National Science Foundation, CCLI Panel. Washington D.C. July 19-20, 2010
 - National Science Foundation, CCLI Panel. Washington D.C. Feb. 4-7, 2004
 - NIH, Minority Biomedical Research Support Program (Reviewer: Spring, 2002)
 - National Institute of Health (Outside Reviewer: Spring 2001)
 - Veterans Administration (Spring, 1996)
- William & Mary Invited Presentations & Courses:
 - Fall Focus Presentation, W&M Admissions: Nov. 13th, 2010
 - Fall Focus Presentation, W&M Admissions: Nov. 21st, 2009
 - Moderator of the Human Self Conference at W&M: Sept. 25th, 2008
 - Admitted Student Lecture Series: April 5, 2007
 - Invited Speaker: Instructional Technology at W&M: March 6, 2007
 - Invited Speaker: Spring Neuroscience Symposium: March 29, 2007
 - Admitted Student Lecture Series: April 17, 2006
 - Monroe Scholars Presentation (w/Guest: John Dowling, Harvard); April 11, 2006

Monroe Scholars Presentation, William and Mary (February 2, 2006)
Admitted Student Lecture Series: April 25, 2005
Monroe Scholars Presentation, William and Mary (April 11, 2000)

- Sacred Heart University Invited Presentations & Courses:
 - Science Breakfast Conference Presentation, Sacred Heart University (April, 1998)
 - Invited Speaker, Conn. Science Supervisors Assoc. Annual Mtg. (March, 1998)
 - Summer Technology Education Courses for High School Educators, Sacred Heart University "Smart" Center (1996 - 99)
- Professional Society Memberships:
 - Phi Kappa Phi (2015- present)
 - Council of Colleges of Arts and Sciences (2012 – 2015)
 - Faculty for Undergraduate Neuroscience (1999 – present)
 - Society for Neuroscience (1992 – present)

 - American Physiological Society (1992 – present)
 - Environmental & Exercise Physiology Section (1996 – Present)

 - Teaching of Physiology Section (American Physiological Society):
 - Chair, Awards & Events Committee, Treasurer (2005 - 2009)
- Professional Memberships pertaining to my role as Coach of W&M Sailing:
 - US Sailing Association (2005 - Present)
 - Instructor Trainer & Coach (2007 – 2020): I taught several instructor certification courses per year at sites around the east coast. Each course is 4 days of extensive lectures, testing, and skill evaluation practical examinations.

 - Intercollegiate Sailing Association (2006 – 2015)
 - South Region Representative, Executive Board for the Mid-Atlantic Intercollegiate Sailing Association (2007 – 2012): I attended regular meetings of this Board which is responsible for the administration and development of all activities that are part of college sailing in the mid-Atlantic region. This includes team and regatta administration, All-American nominations, regional qualifications, and rules pertaining to participation and competitions.

TEACHING: ACADEMIC ADVISING & COURSES TAUGHT:

- **Academic Advising:**

Annually

Clemson:

Freshman Advisor	2018 – Present	10-12 students
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William & Mary:

Freshman Advisor	2000 – 2015	10-12 students
Major (Biology & Neurosci.)	2000 – 2015	20-30 students
Transfer Students	2004 – 2015	8 -10 students

- **Courses Taught:**

Medicine and the Mind (BIOL 150)

Medicine and the Mind (BIOL 112-99)

*W&M Summer Program at Cambridge University in Summer 2009

Neurobiology (BIOL 345 & 545)

*Also taught as part of the W&M Summer Program at Cambridge University in Summer 2009

Neurophysiology (BIOL 447 & 647)

Autonomic Nervous System (BIOL 676)

Graduate Colloquium (BIOL 682)

Temperature Regulation (BIOL 404 & 504)

Neurophysiology and its' Role in Body Systems Management (BIOL 504)

Freshman Research (BIOL 201)

Biology Writing (BIOL 300)

Research in Neuroscience (BIOL 403)

SACRED HEART UNIVERSITY (1996-1999):

Neurobiology

Animal Physiology

Human Anatomy and Physiology

Introductory Concepts in Biology

HARVARD UNIVERSITY (1994 - 1996)

Introductory Neurobiology

*I was one of several fellows who "team taught" this course each spring

RESEARCH & SCHOLARSHIP:

FUNDING & GRANTS:

- **Extramural Funding/Proposals:**

While at William and Mary:

Principal Investigator for a National Institutes of Health R15 grant. Title: Characterization of Noradrenergic Thermogenic Input to the Hypothalamus. Funded: **\$207,000** (9/23/09 -12/31/12, 1 R15 NS064361-01A1)

Principal Investigator for a Supplement to a current National Institutes of Health R15 grant. Title: The responses of hypothalamic neurons to CGRP. Funded: **\$28,000** (10/01/09 -8/31/10)

Principal Investigator for a National Institutes of Health R15 grant. Title: The responses of hypothalamic neurons to CGRP. Funded: **\$204,000** (1/23/06 – 1/23/09; 1 R15 NS053794-01)

Recipient of a Teaching Career Enhancement Award from the American Physiological Society. Title: A Comprehensive Integration of Technology into the Teaching of Neurophysiology. Funded: **\$2,400**

Principal Investigator for a National Science Foundation CAREER award. Title: The characterization of physiological responses and anatomical pathways involved in the generation of an immune response. Funded: **\$326,666** (8/17/00 - 8/16/06; IBN-9983624)

While at Sacred Heart University:

Principal Investigator for a MRI (Major Research Instrumentation) Grant Award from the National Science Foundation. Title: Acquisition of neurobiology equipment to characterize the physiological responses and anatomical pathways involved in the generation of a fever by hypothalamic thermoregulatory neurons. Funded: **\$95,000** (9/15/97 – 8/31/99; BES-9724544)

While at Harvard University:

National Research Service Award from the National Institutes of Neurological Disorders and Stroke. Title: Neurophysiological Generation of Fever. Funded: **\$84,000** (11/93 - 11/95; NS09466)

While at The Ohio State University:

Neural Development, Plasticity, and Regeneration Training Grant: One year NIH funded Predoctoral Fellowship Award. Funded: **\$16,000** (06/91 - 06/92; NS07291)

- **Intramural (W&M) Funding/Proposals:**

QEP-Mellon Foundation Proposal. Title: Using Case-Based Physiologic Research in Undergraduate Learning. Funded. 2008. (**\$10,090.00**)

Faculty Research Assignment. Title: Investigating the Cellular Responses of Hypothalamic Neurons to CGRP. Fall, 2005. (**\$12,000**)

Faculty Summer Research Grant. Title: Hypothalamic Neuronal Responses and the Production of a fever. 2000. (**\$5,000**)

*Although this award was approved, funding for this project was provided through an external source (see the CAREER award above), so I declined this award.

SCHOLARSHIP:

- **Publications in Peer Review Journals & Texts:**

(William & Mary students are in Bold)

Mendoza K. C. and J.D. Griffin, 2010. Thermoregulation. In: Koob G.F., Le Moal M. and Thompson R.F. (eds.) Encyclopedia of Behavioral Neuroscience. 3: 400–404. Oxford: Academic Press.*

Mendoza, K.C., McLane, V.D., Kim, S. and J.D. Griffin, 2010. In Vitro Application of Gold Nanoprobes in Live Neurons for Phenotypical Classification, Connectivity Assessment, and Electrophysiological Recording. Brain Research. 1325: 19-27.*

Imbery T.E., M.S. Irdmusa, A.P. Speidell, M.S. Streer and J.D. Griffin. 2008. The effects of Cirazoline, an alpha-1 adrenoceptor agonist, on the firing rates of thermally classified anterior hypothalamic neurons in rat brain slices. Brain Research. 1193: 93-101.*

- Braasch, D.C., E.M. Deegan, E.R. Grimm** and J.D. Griffin. 2008. Calcitonin gene-related peptide alters the firing rates of hypothalamic temperature sensitive and insensitive neurons. BMC Neuroscience. 9:64. *
- Fetsch, C.R., P.D. Heideman** and J.D. Griffin. 2006. Effects of melatonin on thermally classified anterior hypothalamic neurons in the white-footed mouse (*Peromyscus leucopus*). Journal of Thermal Biology. 31: 40-49. *
- Ranels, H.J.** and J.D. Griffin. 2005. Effects of PGE₂ on the cellular properties of thermally classified neurons in the ventromedial preoptic area of the rat hypothalamus. BMC Neuroscience. 6:14.*
- Griffin, J.D. 2004a. Temperature Regulation and Fever. Encyclopedia of Neuroscience, 3rd Edition, Ed. Adleman, G. and Smith, B.H., Elsevier Science B.V.*
- Griffin, J.D. 2004b. Central Thermosensitivity and the integrated responses of hypothalamic neurons. Journal of Thermal Biology. 29: 327-331.*
- Ranels, H.J.** and J.D. Griffin. 2003. The effects of prostaglandin E₂ on the firing rate activity of thermosensitive and temperature insensitive neurons in the ventromedial preoptic area of the rat hypothalamus. Brain Research. 964: 42-50.*
- Griffin, J.D. 2003. Technology in the teaching of neuroscience: enhanced student learning. Advanced in Physiology Education. 27: 146-155.*
- Griffin, J.D., C.B. Saper and Jack A. Boulant. 2001. Synaptic and morphological characteristics of temperature sensitive and insensitive hypothalamic neurons. Journal of Physiology (London). 537: 521-535.
- Griffin, J.D. 1999. Temperature Regulation. Encyclopedia of Neuroscience, 2nd Edition Ed. Adleman, G. and Smith, B.H., Elsevier Science B.V., pages 2020-2021.
- Scammell, T.E., J.D. Griffin, J.K. Elmquist and C.B. Saper, 1998. Microinjection of cyclooxygenase inhibitor into the anteroventral preoptic region attenuates LPS fever. American Journal of Physiology. 274: R783-R789.
- Scammell, T.E., J.K. Elmquist, J.D. Griffin and C.B. Saper. 1996. Ventromedial preoptic Prostaglandin E₂ activates fever-producing autonomic pathways. Journal of Neuroscience. 16(19):6246-6254.
- Boulant, J.A., A.R. Chow and J.D. Griffin. 1996. Determinants of hypothalamic neuronal thermosensitivity. Annals of the New York Academy of Sciences. 813: 133-138.

Griffin, J.D., M.L. Kaple, A.R. Chow and J.A. Boulant. 1996. Cellular mechanisms for neuronal thermosensitivity in the rat hypothalamus. Journal of Physiology (London) 492: 231-242.

Griffin, J.D. and J.A. Boulant. 1995. Temperature effects on membrane potential and input resistance in rat hypothalamic neurones. Journal of Physiology (London) 488(2): 407-418.

- **Articles Published in Non-Refereed Conference Proceedings:**

Griffin, J.D. 2001. A Comprehensive Integration of Technology into the Teaching of Neurophysiology. Proceedings of the Syllabus 2001 Summer Conference.

- **Invited Scholarly Papers and Talks:**

While at Clemson University:

Invited Speaker, JEV Memorial Recreational Therapy Workshop, Innovations in Neuroscience, April 6, 2018.

Invited Speaker: Phi Kappa Phi Dinner. Clemson University, October 1st, 2017.

While at William & Mary:

Invited Speaker, Council of Colleges of Arts & Sciences, The Use of Reporting and Analytic Tools for Making Data-Driven Management, November 7, 2015.

Invited Speaker, Council of Colleges of Arts & Sciences, Revisiting General Education in an Era of AP/IB and External Credit Programs, November 8, 2014.

Invited Speaker. Council of Colleges of Arts & Sciences. Managing Enrollment from All Sides. November 7th, 2013.

Invited Speaker. Virginia State Committee on Transfers Meeting. Topic: Co-Enrollment Programs. Old Dominion University. April 25th, 2013.

Invited Speaker. Experimental Biology, American Physiological Society Special Topics Session: Teaching with Technology. April 19th, 2009.

Invited Speaker. Department of Neuroanatomy and Neurobiology, Virginia Commonwealth University. Richmond Virginia. March 15th, 2008.

Invited Seminar Speaker. Department of Physiology, University of Tennessee Health Science Center. Memphis, Tennessee. March 8th, 2007.

Distinguished Faculty Lecture. Faculty of Arts and Sciences, College of William and Mary. October 18, 2005. "Thermoregulation, Fever & Hot Flashes...Oh My!"

Invited Speaker. XXXV International Congress of Physiological Sciences. Sand Diego, CA. April 5, 2005. "Membrane mechanisms of thermosensitive neurons in the hypothalamus."

Invited Opening Session Speaker. The First Integrated Meeting on the Thermal Physiology and Pharmacology of Thermoregulation. Rhodes, Greece. October 11, 2004. "Central Thermosensitivity and the Integrated Responses of Anterior Hypothalamic Neurons."

Pre-Tenure Seminar: Department of Biology, College of William and Mary. November 21, 2003. "Thermoregulation, Fever & Hot Flashes...Oh My!"

Invited Speaker: The Harold L. Dorris Neurological Research Center, The Scripps Research Institute. April 17th, 2003. "Hypothalamic Control of Body Temperature and Fever."

Invited Seminar Speaker: University of North Carolina at Wilmington. September 28, 2001. "Hypothalamic Control of Thermoregulation."

- **Presented Papers & Published Abstracts (William & Mary):**

Perez, R., Moore A.R. and Griffin, J.D. The effects of the alpha-2 adrenoreceptor agonist clonidine on the activity of thermally classified neurons in anterior hypothalamus of the rat. American Physiological Society Meeting. April, 2011.*

Askin, C.A., Hack, L.M. and Griffin J.D. The Effects of leptin on thermosensitive neurons in the anterior hypothalamus of the rat. American Physiological Society Meeting. April 2011.*

McLane, V.D. and Griffin J.D. Characterization of thermoregulatory efferents to the paraventricular nucleus of the rat hypothalamus. American Physiological Society Meeting, April 2011.*

Griffin, J.D. The Characterization of Anterior Hypothalamic Thermoregulatory Neurons Which Have Direct Axonal Projections to the Dorsomedial Hypothalamus. Society For Neuroscience Annual Meeting, November 2010.*

Mendoza K.C., McLane, V.D., Kim, S and Griffin, J.D. The application of gold nanoprobe using an in vitro slice preparation for the phenotypical classification, connectivity assessment, and electrophysiological recording of hypothalamic thermoregulatory neurons. American Physiological Society Meeting, April 2010.*

Griffin, J.D. The use of technology and interactive case laboratory modules in the study of neurophysiologic concepts and the development of research skills. American Physiological Society Annual Meeting, April 19th, 2009.*

Irdmusa, M. S., Streer, M., Speidell, A.P., Imbery T.E., and Griffin, J.D. The effects of cirazoline on the firing rates of thermally classified neurons in the anterior hypothalamus of the rat. American Physiological Society Annual Meeting, May 2, 2007.*

Schaffer, B.E. and Griffin, J.D. Functional Identification of Thermally Classified Neurons in the Preoptic and Anterior Hypothalamus. American Physiological Society Annual Meeting, April 4th, 2006. *

Hack, L.M. and Griffin J.D. Effects of Leptin on the Firing Rates of Thermoregulatory Neurons in the Anterior Hypothalamus. American Physiological Society Annual Meeting, April 4th, 2006. *

Pecora, B.S., Straub, A.L. and Griffin, J.D. Thermoregulatory Projections to the Dorsomedial Hypothalamus of the Rat. American Physiological Society Annual Meeting, April 4th, 2006.*

Fetsch, C.R., Heideman, P.D. and Griffin, J.D. Effects of Melatonin on Thermoregulatory Hypothalamic Neurons in the White-Footed Mouse (*Peromyscus Leucopus*). Second International meeting on Physiology and Pharmacology of Temperature Regulation, March 4th, 2006.*

Braasch, D.C. and Griffin, J.D. The effects of Calcitonin Gene-Related peptide on the electrical Properties of Thermally Classified Neurons in the Anterior Hypothalamus of the Rat. Scholander Competition Session, XXXV International Congress of Physiological Sciences, April 2nd, 2005.*

Deegan, E.M., Grimm, E.R. and Griffin, J.D. (2004) The Effects of Calcitonin Gene-Related Peptide on the Firing Rates of Thermosensitive and Temperature Insensitive Neurons in the Anterior Hypothalamus of the Rat. 2004 Experimental Biology meeting abstracts [on CD-ROM]. *The FASEB Journal*, 18, Abstract #704.20*

Fetsch C.R., P.D. Heideman and J.D. Griffin. (2003) Firing rate responses of thermally classified anterior hypothalamic neurons to melatonin in tissue slices from the white-footed mouse, *Peromyscus leucopus*. 2003 Experimental Biology meeting abstracts [on CD-ROM]. *The FASEB Journal*, 18, Abstract #63.2*

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