Georges E. HADDAD, Ph.D.

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Education

1993 Ph.D. in Physiology (Biophysics)
University of Sherbrooke, Sherbrooke, Q.C., Canada.
1987 M.Sc. in Physiology
American University of Beirut, Beirut, Lebanon.
1985 B.Sc. in Biology
American University of Beirut, Beirut, Lebanon.

Academic Appointments

8/2011 – present	Professor (Tenure) Howard University, Dept. Physiology and Biophysics, College of Medicine (and Graduate School)
8/2005 – 7/2011	Associate Professor (Tenure) Howard University, Dept. Physiology and Biophysics, College of Medicine (and Graduate School)
2/1999 - 8/2005	Assistant Professor Howard University, Dept. Physiology and Biophysics, College of Medicine (and Graduate School)
1997-1998	Assistant Professor American University of Beirut, Depts. of Pharmacology and of Physiology
1994-1997	Post-doctoral fellow Clinical Research Institute of Montreal, Canada
1993-1994	Post-doctoral fellow University of Cincinnati, Department of Physiology

Academic Leadership

Howard University

- Director (founder): RCMI, Investigator Development Core/Pilot Project Program (2014-present)
- Chair: Executive Committee, College of Medicine, Howard University (2025-present), and member (2007-2011)
- Chair: LCME Evaluation Subcommittee (2026-present)
- Member of the LCME-Curriculum Committee (2026-present)
- Strategic Planning Advisory Committee, Office of the Vice Provost for Research and Graduate School (2003, 2009, 2022, 2023, 2024).

- Program Prioritization Task Force, Provost office (2019)
- Acting Chair: Department of Physiology & Biophysics, College of Medicine, Howard University (6/2025-8/2025)
- Chair: Admission Committee of the Interdisciplinary Ph.D. in Biomedical Sciences (IBMS) program, Howard Graduate School (2024-present)
- Chair: College-wide Appointment, Promotion and Tenure Committee, College of Medicine (2021-2022), member: (2016-2022)
- Chair (Ad Hoc) of the college-wide Appointment, Promotion and Tenure Committee, College of Pharmacy (2018-2023)
- Chair of the Search and Recruitment Committee, Department of Physiology & Biophysics, Howard University (2018-present), member (2012-2017)
- Howard University College of Medicine LCME Accreditation preparation team (2016-2017, 2025)
- Curriculum Committee, College of Medicine, Howard University (2007-2011, 2025-present)
- Appointments, Promotions and Tenure Committee member, Department of Physiology and Biophysics, Howard University (2005-present)
- Appointments, Promotions and Tenure Committee member, Faculty Senate, Howard University (2016-2018)
- College-Wide Appointment, Appointment, Promotion and Tenure Committee, Graduate School (2023-2025)
- Judiciary Committee, Graduate school, Howard University (2021-2025)
- Program Prioritization Task Force, Provost office (2019)
- Director: Graduate Studies, Department of Physiology and Biophysics, Howard University (2000 - 2011)
- Director: The Cardiovascular Summer Research Opportunity Program (2005-2018)
- Admission Committee, College of Medicine, Howard University (since 2004)
- Honors and Awards committee for the College of Medicine, Howard University (2010-2020)
- Executive Committee, Department of Physiology and Biophysics, Howard University (1999-2003, 2006-2008, 2013-19, 2023-present)
- Search Committee for: Chair for Internal Medicine Chair (2012), Emergency Medicine (2013) and Director for Cancer Center (2013).
- Dean's Interdisciplinary Research Conference Series Committee (2009)
- Radiation Safety Committee, Howard University (2007-2009)
- Advisory Council for the Howard University-University of Texas at El Paso Alliance for Graduate Education and the Professoriate (HUTEP-AGEP) (2004)
- GAANN Advisory Committee member for Dept. Physiology & Biophysics (2004)

Scientific Community

- Life Sciences Journal: Editorial Advisory Board member: (2017-present)
- Frontiers in Physiology- Clinical and Translational Physiology Section: Associate Editor (2022-present)
- National Research Mentoring Network Coach/Mentor for Faculty and Postdoctoral fellows (coach for 28 faculty in minority institutions 2016-2022)

- Leader of the Cardiovascular Scientific Network over 19 minority research institutions of the RCMI Translational Research Network (RTRN) (2011-2018)
- Federation of American Societies for Experimental Biology (FASEB)/Minority Access to Research Careers (MARC) Advisory Board (2003-2016)
- American Center for Investigative Cardiology, Scientific Director and Board of Directors member (2016-2022)

Reviewer:

- NIH/NIAAA-AA1 Biomedical Review Committee (Regular member: 2014-2018; Ad hoc: 2011-2014, 2022)
- NIH/CSR-Center for Scientific Research/Integrated Research Group/Cardio-Vascular and Respiratory Sciences/Cardiac Contractility, Hypertrophy, and Heart Failure section (ad hoc since 2014)
- AIM-AHEAD national program: Regular reviewer (2018-present)
- Ad hoc reviewer for the American Heart Association (since 2013)
- Ad hoc reviewer NIH/ZRG1-CVRS-B (since 2012)
- Ad hoc reviewer for the NSF-Developmental Biology (2012)
- Ad hoc reviewer for the Charles Drew University AXIS Pilot Project (2015, 2016)
- External grants reviewer for Savannah State University, Morehouse College of Medicine and Morgan State (2000, 2018-2022)
- Reviewer for many scientific journals: Life Sciences, Alcoholism: Clinical and Experimental Research, American Journal of Physiology, Journal of the American College of Cardiology, Cardiology, British Journal of Physiology, Circulation, European Heart Journal. Gene Therapy (Nature), Journal of Molecular and Cellular Cardiology, Physiological Genomics, Canadian Journal of Physiology and Pharmacology, Frontiers in Physiology, Journal of the European Society of Cardiology, Cardiovascular Research Journal.

Community At-Large

- NRMN-SETH Conference Moderator: Coaching Models (Research). (4/2024)
- RCMI Consortium National Conference Moderator (4/2023)
- Drink to Your Health? By Marine Schwartz of Health magazine March 2022 Issue: Interview and discussion of Dr. Georges Haddad work on alcohol effects on the heart.
- Invited Speaker at Louisiana State University Health Science Center, Shreveport (2017)
- Invited speaker at the Cardiovascular center of Mount Sinai School of Medicine, NY (2016)
- Invited speaker at the AIRIG conference at Loyola University, Chicago (2013).
- Invited seminar speaker at Louisiana State University, Nashville (2013).
- Invited radio interview on Super Human Radio hosted by Mr. Carl Lanore, aired live on April 16, 2013 (1:00-2:00 pm) entitled "Alcohol: the Good, the Bad and the Ugly": http://www.superhumanradio.com/components/com_podcast/media/mp3s/SHR_Show_1173.mp3
- Member and invited participant at the Western Interstate Commission for Higher Education Conference (2011-2012).
- Organizer of the MARC Student Day for the Washington area at the Experimental Biology conference (2004, 2007).

- Member of the Community Advisor Council, Wheaton High School, Bioscience and Medicine Program in, Montgomery County Public Schools, MD (2004-2008).
- Work with The Dana Alliance for Brain Initiative at Walter Reeds Hospital, Washington, USA (2001)

Faculty Development

- AWS-Machine Learning University, Educators Consortium Bootcamp : Generative AI (6/9-11/2026)
- Leadership Excellence Program (LEP-01), Howard University (9/2025-4/2026)
- Distance Learning Certification-CETLA-Howard University (2020)
- Blackboard Certification-CETLA-Howard University (2020)
- Certificate of Teaching Skills, The Johns Hopkins Faculty Development Program, College of Medicine, Johns Hopkins University, 2003
- Certificate of Appreciation by LCME Self-Study Task Force, College of Medicine, Howard University, 2002
- HU Provost workshop entitled "Academic and Administrative Leadership in the Academy: Programs and Services within a Framework of Institutional Assessment", at Kellogg conference center (2002)
- National Science Foundation, Quality Education for Minorities Network workshop, 2003
- Summer Research workshop scholarship from FASEB/MARC on "Calcium & calcium function", 2000

Certificates and Awards

- Colleagues Mentoring Colleagues Award (exemplary mentors who have fostered growth and opportunity across Howard university), 4/2026
- Leadership Excellence Program (LEP-01) Certificate, 4/2026
- Provost's Distinguished Service Award (2021)
- US Department of Health and Human Services, Public Health Service, NIH/NIAAA Certificate of Recognition for Dedicated Services (2018)
- Howard University, College of Medicine Outstanding Faculty Research Award (2013)
- American Physiological Society, APS STRIDE mentoring award (2016, 2017, 2018)
- FASEB/MARC Faculty Mentor Award Certificate, 2005, 2008, 2012, 2013, 2014, 2015
- Losartan Award from Dupont-Merck at the ASPET meeting, 1997.
- FASEB MARC Travel Award, 2003, 2004, 2007-2009, 2013, 2014.
- American Physiological Society, APS Frontiers in Physiology Mentor Award: 2007 (x2), 2008
- Appreciation, Office of the Vice Provost for Research and the Office of Research Administration, Howard University, 2004
- Certificate of Appreciation, Howard University College Medicine Curriculum Committee, 2002
- Who's Who Among Executives and Professionals Throughout the World 2010.
- Distinguished Faculty Author Award, Howard University

Academic Teaching & Mentoring

Course Coordinator:

- Coordinator of the Organ System Unit 3 (OS-3) Course "Respiratory and Cardiology" of the 2nd year medical curriculum, Howard University (2011-present)
- Course Coordinator/Co-coordinator of the Structure and Function, Unit 3 (SF-3) of the 1st year medial curriculum, Howard University (2010-2017/2019)
- Course coordinator of "Advanced Mammalian Physiology" (PHSI 204; 7 Credits) for the graduate Ph.D. program, Howard University (2007-present).
- Course coordinator of "Special Problems in Physiology" courses (PHSI 302; 1-4 credits) for the graduate Ph.D. program, Howard University (2000-2011).
- Course coordinator of "Research in Physiology" Courses (PHSI 200; 1-10 credits): 2000-2011 for the graduate Ph.D. program.
- Unit leader of the "Musculoskeletal Unit" and "Thorax and Abdomen" of the 1st year "Structure and Function" medical curriculum (51613-IND 108), Howard University (2005-2010).

Teaching

- The Cardiovascular System Unit of the Structure and Function Unit 3 (SF-3) course of the 1st year medical curriculum, Howard University (1999-present).
- Cardiac electrophysiology and pathophysiology in Organ System Unit 3 (OS-3) course of the 2nd year medical curriculum, Howard University (2011-present).
- "Pathophysiology of dysrhythmias and of anti-arrhythmic drugs" in the OS-3 of the 2nd year medical curriculum, Howard University (2002-2012).
- Cardiology section of the "Advanced Mammalian Physiology" course (PHSI 204) for graduate Ph.D. students at the Dept. Physiology and Biophysics, Howard University (since 1999).
- Cardiology section of the Dental Physiology Course, Dental School, Howard University (2015-present)
- Cardiovascular Pathophysiology section of the "Pathophysiology" course for Allied Health, Howard University. (2012-2016).
- Cell membrane biophysics and ion channels in the "Cellular and Molecular Physiology" course (PHSI 250) to graduate Ph.D. students at the Dept. Physiology and Biophysics, Howard University (2017-present)
- Cellular signaling and ion channels" in the "Cellular-Molecular Physiology" course (PHSI 250) to graduate students at the Dept. of Physiology & Biophysics, Howard University (2001-2016).
- "Cardiac Physiology" section of the "General Physiology" course (MPHY-14234-101/84550-101) for Nursing & Allied Health students, Howard University (since 2007-2016).
- "Cardiac physiology and ECG" in the "Biomedical Sciences I" course (86687-301-01) for Pharmacy students (2004-2016, except 2007).

- "Summer Directed Studies Program" for OS-3 (2011-present) and SF-3 (2002-1019): mentoring and assisting MedStar Students.
- Physiology of Ion Channels in the course "Cardiovascular Physiology" to Graduate students (2002, 2003, 2005).
- "Biophysics/Electrophysiology" section of the "Physiology" course for medical and graduate students, American University of Beirut, Lebanon (1996-1999).
- "Electrophysiology of anti-arrhythmic drugs" for Medical and Graduate students, American University of Beirut, Lebanon (1997-1998).
- "Renal System" for Nursing and Allied Health students, American University of Beirut, Lebanon (1997-1998).

Advisership and Mentoring

- Post-doctoral Fellows: 5
- Major Ph.D. Advisor of Ph.D. (Department of Physiology & Biophysics, College of Medicine, Howard University: 8
- Committee Member/Chair on thesis dissertation, 13
- Mentor for the CDEIPI program: 4
- Mentor of the Cardiovascular Summer Research Program Fellows & MSSRP: 40
- Mentor for NIH/NIDDK STEP-UP program: 4
- Mentorship of work study undergraduate students at Howard University: 11
- Mentor for American Physiological Society Minority Travel Fellow during the Experimental Biology meeting (2003-2016)
- Mentor for the American Physiological Society, UGSRF/IOSP: 5
- Mentor for the Howard University Honors Program: 4
- Mentor for the Howard University Amgen Scholars Program (2008-2009): 4

Research

Main Research Areas

- Effects of combined Anti-retroviral treatment for HIV on the heart.
- Alcoholic Cardiomyopathy and Signaling pathways: Mechanisms and Gene Therapy.
- Cardiac hypertrophy, heart failure and hypertension: Ionic channels and intracellular signal transduction induced by active peptides (IGF-1 and ANG II).
- Study the pathogenic role of the renin-angiotensin system in cardiac hypertrophy and/or hypertension
- Regulation of calcium current as well as intracellular calcium homeostasis by cyclic nucleotides and protein kinases and their role in cardiac hypertrophy.
- Role of potassium channels in the metabolic response and development of the heart.

Membership

- Society for Research on Alcoholism (since 2011)
- American Physiological Society (since 1999)

- American Heart Association, Council on Basic Cardiovascular Sciences (since 1999)
- American Society for Investigative Pathology (2009-2013)
- American Society for Gene Therapy (2009-2013)
- Interdisciplinary working group on functional genomics & translational biology (since 2004)
- American Stroke Association (2003-2009)
- Biophysical Society (2000-2003)
- International Association of Medical Science Educators (2001-2003)
- Society for Pharmacology and Experimental Therapeutics (1998-2002)
- American Biographical Institute (2000)

Other Activities

- Music Composition and Production
  - Albums:
    - **Over the Rainbows**: Forthcoming release (2026)
      1. Dream, 2. Eparpillé, 3. Folies, 4. Gravity, 5. Over the Rainbows, 6. Papillon, 7. Peace of Mind, 8. Quite Happy, 9. Symbiosis, 10. While You're Sleeping
    - **Colors of Life**: Released 10/2023, Distributed on major streaming media by Distrokid.
      1. Forever, 2. When the Bells Toll, 3. Eyes of the Beholders, 4. The Promise, 5. Colors of Life, 6. Where Are We Now!, 7. Seamless, 8. Empty Nest, 9. Alliance, 10. Adieu
      https://open.spotify.com/track/4ARDDqptuaW3MCo5tuz69J?si=3b034bef8b5345b0
      https://tidal.com/artist/42521976
    - **Alive**: Released 10/2013, Distributed on major streaming media by TuneCore
      1. Free, 2. Life Without Love, 3. Renaissance, 4. Regrets, 5. Something on My Mind, 6. Wings for Your Dreams, 7. Entropy, 8. Voyage, 9. Tenderness, 10. We R01

Grants

Grants Awarded: Active

1. NIH/NIHMD Grant U54MD007597; 5/1/2024-4/31//2029
   Georges E. Haddad: Director, Investigator Development Core (PI: William Southerland)
   Biomedical Infrastructure for Health Disparities Research (RCMI). $26,000,000

2. Supplement RCMI/DC-CFAR; 11/2023-10/31/2026 $788,630
   The cardiovascular effects of gestational and perinatal combined Antiretroviral Therapy.
   Georges E. Haddad: Principal Investigator

3. NIH/NIGMS Grant T34GM149816; 4/1/2023-3/31/2028 $1,469,595.
   Georges E. Haddad: ***External Collaborator*** (PI: Alvin Holder and Co-PI: Desh Ranjan).
   Undergraduate Research Training Initiative for Student Enhancements (U-Rise), Old Dominion University.

Grants Awarded: Completed

4. DC-CFAR; 1/1/2022-12/31/2024 $50,000
   The effects of cART on the Heart.

Georges E. Haddad: Principal Investigator

5. NIH/NIHMD Grant U54MD007597; 6/1/2019-4/31//2024 $17,301,651
   Georges E. Haddad: Director, Investigator Development Core (PI: William Southerland)
   Percent effort: 1.2 Calendar months
   Biomedical Infrastructure for Health Disparities Research (RCMI)

6. BFPSAP HUCOM 100214; 11/2016-11/2017 $20,985
   Georges E. Haddad: Principal Investigator
   Fetal alcohol exposure induced long-term cardiovascular impairment in middle-aged non-human primates

7. NIH/NIHMD Grant 8 G12MD007597; 7/2014-6/2019 $10,055,894
   Georges E. Haddad: Director, Pilot Project Program (PI: William Southerland)
   Biomedical Infrastructure for Health Disparities Research (RCMI)

8. NIH/NIAAA grant 1R15AA019816-01A1; 9/2011-8/2015 $442,002
   Georges E. Haddad: Principal Investigator
   Mechanisms of Alcohol-induced Cardiomyopathy

9. NIH/NIGMS grant S06 GM008016-36; 9/2006-8/2012 $1,100,000
   Program Director: George K. Littleton
   Georges E. Haddad: Project Investigator.
   Role of IGF-1 signaling and MAP Kinase in Cardiac Hypertrophy

- NIH/NRCC/RCMI/RTRN grant SGP09-024; 12/2010-06/2012 $50,000
  Principle Investigator: Suzanne Porszasz-Reisz, Charles Drew University
  Georges E. Haddad: Collaborator.
  Histological and Genetic Analysis of Muscle in COPD Patients

10. Mordecai-Whyatt Johnson grant 217512/U200043; 8/2007-7/2009 $100,000
    Georges E. Haddad: Principal Investigator.
    Role of MAPK in the progression of cardiac hypertrophy into heart failure.

11. NIHLB T32 Grant (HL073428-01), 8/2006-7/2009 $610,493
    Georges E. Haddad: Principal Investigator.
    Neural control of breathing and cardiovascular function.

12. NIH/NINDS grant NS039407-06A1; 9/2005-8/2011
    Program Director: M. Haxhiu/J. Massari/Werner Graf
    Georges E. Haddad: Consultant.
    Central autonomic control: aging and oxidative stress

13. NIH/SCORE Grant (GM08016 33S1), 2003-2006 $686,639
    Program Director: George K. Littleton
    Georges E. Haddad: Project Investigator.
    Cross talk between RAS and IGF-1 during eccentric cardiac hypertrophy.

- NIH/NRCC/RCMI Grant 2G12 RR003048; 8/2006-7/2007 $16,703
  Program Director: William Southerland
  Georges E. Haddad: Project Investigator.
  Role of Nuclear Factor Kappa-B in the progression of cardiac hypertrophy into heart failure

- NIH/NINDS Grant 5U54NS39407-020004; 9/1999-8/2994
  Program Director: Musa Haxhiu
  Georges E. Haddad: Consultant
  Gene regulatory mechanisms and neurogenic airway inflammation

- Toby & Mort Mower Philanthropic Fund, 2000-2005. $137,000
  Georges E. Haddad: Principal Investigator.
  Effect of Waveform Modification on Calcium Channels and intracellular Calcium Handling in Atrial Myocytes.

14. Howard University Funds for Academic Excellence Award, 2001-2002 $3,000
    Georges E. Haddad: Principal Investigator. FASEB Summer Research Conference on Neuronal Mechanisms in Cardiovascular Regulation

15. Howard University Funds for Academic Excellence Award, 2000-2001 $3,000
    Georges E. Haddad: Principal Investigator.
    Medical Science Education Program

16. Howard University New Faculty Award, 1999-2001 $40,000
    Georges E. Haddad: Principal Investigator.
    Modulation of Ionic Currents during Development and Regression of Cardiac Hypertrophy: Role of ANG II and IGF-1".

Publications

Patent

1. Gwathmey J., Del Monte F., Hajjar, R., and **G. Haddad** (2001). Isolation procedure and optimized solution to enhance long-term survival of cells. Serial Number 60/252,657.

Peer-reviewed Articles

PubMed NCBI, My Bibliography link:
http://www.ncbi.nlm.nih.gov/myncbi/browse/collection/48038883/?sort=date&direction=ascending

1. Cassandra Olea, Alexandra Haddad, Nia James, Chidi Martins, **Georges Haddad**, Mark Burke. Mind, body, and society: the far-reaching effects of fetal alcohol exposure. (*In Review*).

2. Mikayla N. Harris, Parth Desai, Eric Yalley, Yuxuan Wu, Michael Singleton, Ella DeBerry, Yashvardhan Batta1, Gal Levy, and **Georges E. Haddad**. Artificial Intelligence in Cardiology: Implications for Healthcare Outcomes. Front. Artif. Intell. 2026; 9:1818586. doi: 10.3389/frai.2026.1818586
3. Sandra P Chang, Kathryn L Braun, Richard Yanagihara, Hendrik De Heer, Yan Yan Wu, Zhenbang Chen, Marc B Cox, Stacey L Gorniak, **Georges Haddad**, Christine F Hohmann, Eun-Sook Lee, Jonathan K Stiles, Nicolette I Teufel-Shone, Vivek R Nerurkar. Science speed dating to spur inter-institutional collaborative research. Int. J. Environ. Res. Public health. 2025 Jum 10; 22(6): 919. PMID: **40566345**, PMCID: PMC12193425, DOI: 10.3390/ijerph22060919
4. Moni Nader, **Georges E. Haddad**, Jacobo Elies, Sriharsha Kantamneni, and Firas Albadarin. Trends post-COVID-19 attack: the cardiocerebral system safety remains of utmost concern. Front. Physiol. 2023 Jul 11:14:1224550. doi: 10.3389/fphys.2023.1224550.
5. Batta Y., King C., Cooper F., Johnson J., Haddad N., Boueri M.G., DeBerry E., and **Georges E. Haddad**. Direct and indirect cardiovascular and cardiometabolic sequelae of the combined anti-retroviral therapy on people living with HIV. Front. Physiol. 2023 Mar 27; 14:1118653 doi: 10.3389/fphys.2023.1118653
6. John L. Pinches IV1, Yiuing L. Pinches1, John O. Johnson, Natasha C. Haddad, Myriam G. Boueri, Luc M. Oke, **Georges E. Haddad**. Could "cellular Exercise" be the missing ingredient in a healthy life? Diets, caloric restrictions and exercise-induced Hormesis. Nutrition (2022), doi: https://doi.org/10.1016/j.nut.2022.111629
7. Batta Y, King C, Johnson J, Haddad N, Boueri M, **Haddad G.** Sequelae and Comorbidities of COVID-19 Manifestations on the Cardiac and the Vascular Systems. Front. Physiol. 2022 Jan 14;12:748972. doi: 10.3389/fphys.2021.748972. eCollection 2021.
8. Yanagihara R, Berry MJ, Carson MJ, Chang SP, Corliss H, Cox MB, **Haddad G**, Hohmann C, Kelley ST, Lee ESY, Link BG, Noel RJ Jr, Pickrel J, Porter JT, Quirk GJ, Samuel T, Stiles JK, Sy AU, Taira DA, Trepka MJ, Villalta F, Wiese TE. Building a Diverse Workforce and Thinkforce to Reduce Health Disparities. Int J Environ Res Public Health. 2021 Feb 7;18(4):1569. doi: 10.3390/ijerph18041569.PMID: 33562262
9. LaRocca TJ, Altman P, Jarrah AA, Gordon R, Wang E, Hadri L, Burke MW, **Haddad GE**, Hajjar RJ, Tarzami ST. CXCR4 Cardiac Specific Knockout Mice Develop a Progressive Cardiomyopathy. Int J Mol Sci. 2019 May 8;20(9). pii: E2267. doi: 10.3390/ijms20092267.
10. Dguzeh U, Haddad NC, Smith KTS, Johnson JO, Doye AA, Gwathemy JK, **Haddad GE.** (2018). Alcoholism: A Multi-Systemic Cellular Insult to Organs. *Int. J. Environ. Res. Public Health*, 15 (6), pii E1083, 2019.
11. Obad A, Peeran A, Little JI, **Haddad GE**, Tarzami ST. (2018). Alcohol-mediated organ damages: Heart and Brain. *Front. Pharmacol*. 9, 81.
12. **Haddad GE.** (2017). Modified mRNAs in the Cardiovascular System: A New Platform for Gene Therapy. *Molecular Therapy (**Nature**)* 7;25(6):1266-1268. doi: 10.1016: PMID:28550973
13. Guers JJ*, Gwathmey J*, **Haddad G***, Vatner DE, Vatner SF. (2017). Minority investigators lack NIH funding. ***Science***. 9; 356 (6342):1018-1019. doi: 10.1126/ science.aan 6602. PMID: 28596331 (*equal contribution)
14. Nakhoul MR, Seif KE, Haddad N., **Haddad GE** (2017). Fetal Alcohol Exposure: The common toll. *Alcoholism and Drug dependence.* 5 (1) pii 257.

15. Wilcox WC, Wells J, **Haddad G**, & Gwathmey JK (2016). "Historically Black Colleges and Universities in American Democracy" Chapter 8 pp 556-572. *In Neoliberalizing the University: Implications for American Democracy*. Editor: Sanford Schram. Routledge Publisher.
16. Johnson J, Jones T, **Haddad G**, Wilcox WC, Gwathmey JK (2016). "Strategies to Enhance the Role of HBCUs in Increasing the Science, Technology, Engineering, Mathematics and Medical (STEM) Workforce" Chapter 7 pp 96-118. In *Setting a New Agenda for Student Engagement and Retention in Historically Black Colleges and Universities*. Editor Charles Prince and Rochelle Ford. Publisher: IGI Global.
17. Rodriguez A, Chawla K, Umoh NA, Cousins VM, Ketegou A, Reddy MG, AlRubaiee M, **Haddad GE**, Burke MW (2015). Alcohol and Apoptosis: Friends or Foes? *Biomolecules*. (4):3193-203.
18. Zebalda D. Bamji and **Haddad G.E.** (2015). Convergence of Theories of Alcohol Administration Postanabolic Stimulation on mTOR Signaling: Lessons for Exercise Regimen. *Alcoholism: Clinical and Experimental Research Journal* 39(5):787-9. doi: 10.1111/acer.12702
19. **Haddad G.E.**, Chams S. and Chams N. (2015). The role of coronary microvascular disorder in congestive heart failure. *Am. J. Physiol. (Heart and Circ. Physiol.) 308(8):H814-5*. doi: 10.1152/ajpheart.00118.2015
20. Morris NL, Ippolito JA, Curtis BJ, Chen MM, Friedman SL, Hines IN, **Haddad GE**, Chang SL, Brown LA, Waldschmidt TJ, Mandrekar P, Kovacs EJ, Choudhry MA. (2014). Alcohol and inflammatory responses: Summary of the 2013 Alcohol and Immunology Research Interest Group (AIRIG) meeting. *Alcohol*. 2014: S0741-8329(14)20160-1.
21. Clyde Wilcox, JoVita Wells, **Georges Haddad** and Judith K. Wilcox (2014). The changing democratic functions of historically black colleges and universities. *New Political Science* 36:4-17, DOI: 10.1080/07393148.2014.954793
22. Nsini A. Umoh, Robin K. Walker, Mustafa Al-Rubaiee, Miara A. Jeffress, and **Georges E. Haddad** (2014). Acute alcohol modulates cardiac function as PI3K/Akt regulates oxidative stress. *Alcoholism: Clinical and Experimental Research Journal* 38 (7):1847-1864.
23. Nsini A. Umoh., Robin K., Richard M. Millis, Mustafa Al-Rubaiee M., Pandu Gangula, and **Georges E. Haddad** (2014). Calcitonin gene-regulated peptide regulates cardiomyocyte survival through regulation of oxidative stress by PI3K/Akt and MAPK signaling pathways. *Annals of Clinical and Experimental Hypertension* 2 (1): 1007-1032.
24. Bond V., Curry BH, Adams RG., Asadi MS., Stancil KA., Millis RM., **Haddad GE** (2014). Effects of nitrate supplementation on cardiovascular and autonomic reactivity in African-American Females. *ISRN Physiol*. Feb 23; 2014 pii: 676235.
25. Vernon Bond Jr., Bryan H. Curry, Richard G. Adams, Richard M. Millis and **Georges E. Haddad** (2014). Cardiorespiratory function associated with dietary nitrate supplementation. *Applied Physiology, Nutrition, and Metabolism* 39(2): 168-172.
26. Richard M. Millis, Vernon Bond, **Georges Haddad**, and Richard Adams (2013). Oxygen consumption at 30 W of exercise is surrogate for peak oxygen consumption. *ISRN Physiology*, Volume 2013, Article ID 756276, 5 pages.
27. Robin K. Walker, Valerie M. Cousins, Nsini A. Umoh, Miara A. Jeffress, Delaram Taghipour, Mustafa Al-Rubaiee, **Georges E. Haddad** (2013). The good, the bad and the ugly with alcohol use and abuse on the heart. *Alcoholism: Clinical and Experimental Research Journal* 37 (8)1253-1260.

28. Bond V Jr, Curry BH, Adams RG, Asadi MS, Millis RM, **Haddad GE** (2013). Effects of dietary nitrates on systemic and cerebrovascular hemodynamics. *Cardiol. Res. Pract.* 2013:435629.
29. Mustafa Al-Rubaiee, Pandu R. Gangula, Richard M. Millis, **Georges E. Haddad** (2013). Inotropic and Lusitropic effects of Calcitonin Gene-Related Peptide in the heart. *AJP-Heart and Circ. Physiol*. 304: H1525-H1537.
30. Gangula PR, Dong YL, Al-Hendy A, Richard-Davis G, Montgomery-Rice V, **Haddad G**, Millis R, Nicholas SB, Moseberry D (2013). Protective cardiovascular and renal actions of vitamin D and estrogen. *Frontiers in Biosciences (Schol Ed.)* 5:134-148.
31. Richard Millis, Alvin Zikiar, Aiqiu Zhao and **Georges E. Haddad** (2012). Effects of IGF-1 on IK and IK1 Channels via PI3K/Akt Signaling in Neonatal Cardiac Myocytes. . *Int. J. Cell. Biol.*, Vol. 2012, 712153.
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Peer-reviewed Book Chapters

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Presentations

1. Georges E. Haddad (12/4/2025). The Effect of cART on the Heart, George Washington University, Washington, DC
2. Georges E. Haddad (4/30/2024). Interactive Team Coaching: Active Engagement and Comprehensive Support, NRMN SETH Conference, Washington, DC
3. Georges E. Haddad (4/13/2023). Kick Starting Inter-Institutional Pilot Projects with New RCMI-CC Resources, Washington, DC
4. Georges E. Haddad (5/4/2017). The sweet and sour taste of alcohol in the heart. Louisiana State University Health Science Center, Shreveport, LA
5. Dilated Hypertrophic Cardiomyopathy: Eccentric and Alcoholic (16/5/2016). Cardiovascular Center of Mount Sinai School of Medicine, NY
6. Georges E. Haddad (2014). Alcohol and the heart: The good, the bad and the ugly. California Northern University, CA
7. Georges E. Haddad (2013). Inotropic Signaling in Dilated Hypertrophic Cardiomyopathy. Louisiana State University, New Orleans, LA
8. Georges E. Haddad (2013). Alcoholic Cardiomyopathy: The Heart got NRF. Loyola University, Chicago, IL.
9. Georges E. Haddad (2012). Bi-directional partnership and collaborative research: An ideal win-win situation. GUTCCS conference Howard University.
10. Georges E. Haddad (4/2012). Signaling pathways in cardiac myocytes: Electrophysiological Assays. Frontiers in Stem Cells. Howard University.
11. Georges E. Haddad (2012). Altered Angiotensin II-Dependent MAPK and PI-3K Activation during Eccentric Cardiac Hypertrophy. RCMI, Howard University.
12. Georges E. Haddad (2/2012). Role of MAPK and PI3K in inotropic alterations during cardiac hypertrophy. Meharry Medical College, Nashville, TN.
13. Georges E. Haddad (8/2011). Electrophysiological role of MAPK and PI3K in Cardiac Hypertrophy. Savannah State University.
14. Georges E. Haddad (3/2011). Molecular Pathophysiology of Cardiac hypertrophy. Pharmacy School, Howard University.
15. Georges E. Haddad (3/2010). Regulation of cardiac contraction and ion channels by protein kinases during eccentric cardiac hypertrophy. Intrexon Inc.
16. Georges E. Haddad (12/14/2009). Diastolic Heart Failure. Howard University College of Medicine Dean's Interdisciplinary Research Conference.
17. Georges E. Haddad (9/2008). Cardiac Hypertrophy is associated with MAPK- and Akt-dependent modulation of the delayed outward rectifier channel. RCMI meeting oral presentation, Honolulu, HI.

18. Georges E. Haddad (6/2008). Regulation of myocardial contraction and ion channels by protein kinases during eccentric cardiac hypertrophy. The Cardiovascular Center, Mount Sinai School of Medicine, NY.
19. Georges E. Haddad (4/2007) Academia Research. At the Post-Doctoral Preparation Institute; FASEB/MARC at EB 2007.
20. Georges E. Haddad (12/2006). Regulation of ionic channels by protein kinases during cardiac hypertrophy. Department of Pharmacology, College of Medicine, Howard University, Washington, DC.
21. Georges E. Haddad (2006). Altered Angiotensin II-Dependent MAPK and PI-3K Activation during Eccentric Cardiac Hypertrophy. RCMI conference, Puerto-Rico.

Abstracts

1. R.K. Walker; M.A. Jeffress; M. AlRubaiee; N.A. Umoh; D. Yenza; S. Douglas; G.E. Haddad (2014). Nrf2 for low but akt for high chronic alcohol-mediated cardiac effects. Alcoholism: Clinical and Experimental Research
2. sini A. Umoh, Miara A. Jeffress and Georges E. Haddad (2014). PI3K/Akt signaling sustains the alcoholic effects in the heart. FASEB 281: 862.7
3. Miara Jeffress, Nsini Umoh and Georges Haddad (2014). Rgulation of SERCA2a by chronic ethanol: Role of Akt. FASEB 281:864.8
4. P Ezeamama and G. Haddad (2014). Creatine influence on acute high and low ethanol exposure on cardiac heart muscle. FASEB 154: 547.5
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8. Miara Akiel Jeffress, Nsini Umoh, Robin Walker, Mustafa Alrubaiee, George Haddad (2013). Regulation of SERCA2a by Akt in alcoholic cardiomyopathy. FASEB J. 27:1197.5
9. Nsini Umoh, Robin K Walker , Miara Jeffress, Valerie Cousins, Mustafa AlRubaiee, and Georges E Haddad (2013). Akt/PI3K signaling sustains the acute alcoholic effects in isolated adult rat cardiocytes. FASEB J. 27: 1197.4
10. Robin K Walker and Georges E Haddad (2013). The role of inflammatory responses in alcoholic cardiomyopathy. FASEB J. 27: 1128.9
11. Robin K. Walker, Nsini A. Umoh and Georges E. Haddad (2012). Chronic alcohol effects on oxidative stress markers in the rat heart. Society for Inflammation and Leukocyte.
12. Robin Walker, Valerie Cousins, Nsini Umoh, Mark Burke and Georges Haddad (2012). Akt mediates acute alcohol inotropic effects on the heart. 71st Conference on Developmental Biology. 294.
13. Burke Mark, Curtis Kimberly, Carryl Heather, Haddad Georges, Abel Kristina (2012). The integrity of the hippocampus in SIV-infected infant primates. 71st Conference on Developmental Biology. 287: B107.

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25. Georges E. Haddad, Zikiar Alvin, Graham G. Laurence, and Leyla Teos (2008). Altered MAP kinases and Akt activation during compensated eccentric cardiac hypertrophy. FASEB J., 22, 970.49
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30. Aiqiu Zhao and Georges E. Haddad (2006). IGF-I-Dependent Signaling Pathways during Eccentric Cardiac Hypertrophy. RCMI conference, Puerto-Rico

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    in volume-overload cardiac hypertrophy. FASEB J., 679.16
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