



Ramzi Emanuel Dudum

- Postdoctoral Medical Fellow, Cardiovascular Medicine
- Masters Student in Health Policy, admitted Autumn 2022
- Fellow in Medicine

Bio

BIO

I am a postdoctoral fellow in cardiovascular medicine determined to further cardiovascular disease risk prediction using novel methods and to create practices and systems that allow for reductions in the morbidity and mortality of this disease.

CLINICAL FOCUS

- Fellow
- Internal Medicine
- Cardiovascular Medicine

INSTITUTE AFFILIATIONS

- Member (Postdoc), Cardiovascular Institute

HONORS AND AWARDS

- Profiles of Excellence Award, American College of Physicians, Department of Medicine, Johns Hopkins Hospital (2020)
- Norman and Mary Stewart Memorial Award, Department of Medicine, Johns Hopkins Hospital (2018)
- Allie S. Freed Award in Preventive Medicine, GWU School of Medicine and Health Sciences (2017)
- Medical Alumni Association Award, GWU School of Medicine and Health Sciences (2017)
- A#A Carolyn L. Kuckein Student Research Fellowship, Alpha Omega Alpha (2016)
- Kassan Research Presentation Award, GWU School of Medicine and Health Sciences (2016)
- MPH Capstone Award, Johns Hopkins University, Bloomberg School of Public Health (2016)
- Gold Humanism Honors Society, GWU School of Medicine and Health Sciences (2015)
- Chancellor's Service Award, UCLA Office of the Dean of Students (2011)
- Dean's Prize in Undergraduate Research, UCLA Spring Poster Day (2011)
- Special Achievement in the Study of Religion, UCLA Department of Religion (2011)
- Distinguished Senior Award, UCLA Alumni Association (2010)
- College Honors Student, UCLA Honors Collegium (2007-2011)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, American Heart Association (2016 - present)

PROFESSIONAL EDUCATION

- Board Certification, American Board of Internal Medicine , Internal Medicine (2020)
- Residency, Johns Hopkins Hospital , Internal Medicine (2020)
- Internship, Johns Hopkins Hospital , Internal Medicine (2018)
- Doctor of Medicine, George Washington University , Medicine (2017)
- Master of Public Health, Johns Hopkins University , Epidemiology and Biostatistics (2016)
- Bachelor of Arts, University of California Los Angeles , Study of Religion (2011)

Publications

PUBLICATIONS

- **Coronary Artery Calcium Dispersion and Cause-Specific Mortality.** *The American journal of cardiology*
Dudum, R., Dardari, Z. A., Feldman, D. I., Berman, D. S., Budoff, M. J., Miedema, M. D., Nasir, K., Rozanski, A., Rumberger, J. A., Shaw, L., Dzaye, O., Caínzos-Achirica, M., Patel, et al
2023; 191: 76-83
- **Unfavorable social determinants of health are associated with higher burden of financial toxicity among patients with atherosclerotic cardiovascular disease in the US: findings from the National Health Interview Survey.** *Archives of public health = Archives belges de sante publique*
Valero-Elizondo, J., Javed, Z., Khera, R., Tano, M. E., Dudum, R., Acquah, I., Hyder, A. A., Andrieni, J., Sharma, G., Blaha, M. J., Virani, S. S., Blankstein, R., Cainzos-Achirica, et al
2022; 80 (1): 248
- **Coronary Artery Calcium Score to Refine the Use of PCSK9i in Asymptomatic Individuals: A Multicohort Study.** *Journal of the American Heart Association*
Cainzos-Achirica, M., Quispe, R., Mszar, R., Dudum, R., Al Rifai, M., Erbel, R., Stang, A., Jockel, K., Lehmann, N., Schramm, S., Schmidt, B., Toth, P. P., Rana, et al
2022: e025737
- **Ten things to know about ten cardiovascular disease risk factors - 2022.** *American journal of preventive cardiology*
Bays, H. E., Kulkarni, A., German, C., Satish, P., Iluyomade, A., Dudum, R., Thakkar, A., Rifai, M. A., Mehta, A., Thobani, A., Al-Saiegh, Y., Nelson, A. J., Sheth, et al
2022; 10: 100342
- **CAC for Risk Stratification Among Individuals With Hypertriglyceridemia Free of Clinical Atherosclerotic Cardiovascular Disease.** *JACC. Cardiovascular imaging*
Cainzos-Achirica, M., Quispe, R., Dudum, R., Greenland, P., Lloyd-Jones, D., Rana, J. S., Lima, J. A., Doria de Vasconcellos, H., Joshi, P. H., Khera, A., Ayers, C., Erbel, R., Stang, et al
1800
- **Development and validation of a polysocial risk score for atherosclerotic cardiovascular disease.** *American journal of preventive cardiology*
Javed, Z., Valero-Elizondo, J., Dudum, R., Khan, S. U., Dubey, P., Hyder, A. A., Xu, J., Bilal, U., Kash, B. A., Cainzos-Achirica, M., Nasir, K.
2021; 8: 100251
- **Assessment of Coronary Artery Calcium Scoring to Guide Statin Therapy Allocation According to Risk-Enhancing Factors: The Multi-Ethnic Study of Atherosclerosis.** *JAMA cardiology*
Patel, J., Pallazola, V. A., Dudum, R., Greenland, P., McEvoy, J. W., Blumenthal, R. S., Virani, S. S., Miedema, M. D., Shea, S., Yeboah, J., Abbate, A., Hundley, W. G., Karger, et al
2021
- **Cardiac Computed Tomography for Personalized Management of Patients With Type 2 Diabetes Mellitus.** *Circulation. Cardiovascular imaging*
Cardoso, R., Dudum, R., Ferraro, R. A., Bittencourt, M., Blankstein, R., Blaha, M. J., Nasir, K., Rajagopalan, S., Michos, E. D., Blumenthal, R. S., Cainzos-Achirica, M.
2020; 13 (9): e011365
- **Summarizing 2019 in Cardiovascular Prevention Using the Johns Hopkins Ciccarone Center for the Prevention of Cardiovascular Disease's 'ABC's Approach.** *American journal of preventive cardiology*

- Feldman, D. I., Dudum, R. n., Alfaddagh, A. n., Marvel, F. A., Michos, E. D., Blumenthal, R. S., Martin, S. S.
2020; 2
- **Keeping a Low Profile: Insulinoma** *AMERICAN JOURNAL OF MEDICINE*
Dudum, R., Murthy, V. K.
2019; 132 (10): 1160–62
 - **Coronary Artery Calcium Scoring in 2019: Past, Present, and Future** *CURRENT CARDIOVASCULAR IMAGING REPORTS*
Dudum, R., Dzaye, O., Lahti, S. J., Kianoush, S., Whelton, S. P., Blaha, M. J.
2019; 12 (9)
 - **Coronary artery calcium scoring for individualized cardiovascular risk estimation in important patient subpopulations after the 2019 AHA/ACC primary prevention guidelines.** *Progress in cardiovascular diseases*
Dzaye, O. n., Dudum, R. n., Reiter-Brennan, C. n., Kianoush, S. n., Tota-Maharaj, R. n., Cainzos-Achirica, M. n., Blaha, M. J.
2019; 62 (5): 423–30
 - **Validation of the Coronary Artery Calcium Data and Reporting System (CAC-DRS): Dual importance of CAC score and CAC distribution from the Coronary Artery Calcium (CAC) consortium.** *Journal of cardiovascular computed tomography*
Dzaye, O. n., Dudum, R. n., Mirbolouk, M. n., Orimoloye, O. A., Osei, A. D., Dardari, Z. A., Berman, D. S., Miedema, M. D., Shaw, L. n., Rozanski, A. n., Holdhoff, M. n., Nasir, K. n., Rumberger, et al
2019
 - **Dose-dependent effects of lifestyle interventions on blood lipid levels: Results from the PREMIER trial.** *Patient education and counseling*
Dudum, R. n., Juraschek, S. P., Appel, L. J.
2019; 102 (10): 1882–91
 - **Non-statin lipid lowering and coronary plaque composition.** *Journal of cardiovascular computed tomography*
Dudum, R. n., Whelton, S. P.
2019; 13 (6): 301–2
 - **Analysis of American College of Cardiology/American Heart Association Guideline Author Self-Disclosure Compared With Open Payments Industry Disclosure.** *Circulation. Cardiovascular quality and outcomes*
Dudum, R. n., Sajja, A. n., Amdur, R. L., Choi, B. G.
2019; 12 (12): e005613
 - **What Clinicians Need to Know About the Cardiovascular Effects of the Most Recent Classes of Drugs Used for Type 2 Diabetes.** *The American journal of medicine*
Ferraro, R. A., Nass, C. M., Dudum, R. n., Blumenthal, R. S., Sarkar, S. n.
2019; 132 (9): 1027–31
 - **Coronary artery calcium scoring in low risk patients with family history of coronary heart disease: Validation of the SCCT guideline approach in the coronary artery calcium consortium.** *Journal of cardiovascular computed tomography*
Dudum, R. n., Dzaye, O. n., Mirbolouk, M. n., Dardari, Z. A., Orimoloye, O. A., Budoff, M. J., Berman, D. S., Rozanski, A. n., Miedema, M. D., Nasir, K. n., Rumberger, J. A., Shaw, L. n., Whelton, et al
2019; 13 (3): 21–25
 - **High-Goal 'Lytes: Repletion Gone Awry?** *Journal of hospital medicine*
Dudum, R. n., Lahti, S. J., Blaha, M. J.
2019; 14 (12): 785–86
 - **Serotonin Syndrome Masquerading as Ventricular Tachycardia Storm** *AMERICAN JOURNAL OF MEDICINE*
Dudum, R., Aslam, M., Madrazo, J.
2018; 131 (12): E498–E499
 - **Prognostic Implications of Coronary Artery Calcium in Different Age Groups: Cause-Specific Mortality From the CAC Consortium.**
Dudum, R., Mirbolouk, M., Dardari, Z., Miedema, M. D., Shaw, L. J., Rumberger, J. A., Berman, D. S., Budoff, M. J., Al-Mallah, M. H., Nasir, K., Blaha, M.
LIPPINCOTT WILLIAMS & WILKINS.2018
 - **Extreme Endurance Exercise and Progressive Coronary Artery Disease.** *Journal of the American College of Cardiology*
Lin, J. n., DeLuca, J. R., Lu, M. T., Ruehm, S. G., Dudum, R. n., Choi, B. n., Lieberman, D. E., Hoffman, U. n., Baggish, A. L.
2017; 70 (2): 293–95

- **Engaging medical students in problem-based search and study of the biomedical literature.** *International journal of medical education*
Han, Z. n., Margulies, S. L., Kurian, D. n., Jabaut, J. M., Mehta, A. n., Dudum, R. n., Koudoro, H. n., Roberts, R. S., Lee, J. n., Li, J. n., Nguyen, H. T., Elliott, M. n.
2017; 8: 297–99
- **ACC/AHA GUIDELINE AUTHOR SELF-DISCLOSURES AND THE SUNSHINE ACT: CONFLICTING REPORTS OF CONFLICTS OF INTEREST**
Dudum, R., Harfouch, O., Young, H., Choi, B.
ELSEVIER SCIENCE INC.2016: 1967
- **The Reply.** *The American journal of medicine*
Alhamoud, H. A., Dudum, R. n., Young, H. A., Choi, B. G.
2016; 129 (9): e195–6
- **Author Self-disclosure Compared with Pharmaceutical Company Reporting of Physician Payments.** *The American journal of medicine*
Alhamoud, H. A., Dudum, R. n., Young, H. A., Choi, B. G.
2016; 129 (1): 59–63
- **Teaching and learning of medical biochemistry according to clinical realities: A case study.** *Biochemistry and molecular biology education : a bimonthly publication of the International Union of Biochemistry and Molecular Biology*
Jabaut, J. M., Dudum, R. n., Margulies, S. L., Mehta, A. n., Han, Z. n.
2015; 44 (1): 95–98
- **Characteristics of Unselected High-Burden Premature Ventricular Contraction Patients** *PACE-PACING AND CLINICAL ELECTROPHYSIOLOGY*
Yang, J., Dudum, R., Mandyam, M. C., Marcus, G. M.
2014; 37 (12): 1671–1680