


List of courses available for graduate students (Wakayama Medical University)

	Course name (Press the name to jump to the link)	Professor name (Press the name to jump to the link)		Acceptable number of people	Research theme	Message from Professor
Basic Medicine	Department of Hygiene	Akira Fujiyoshi Prof. , M.D., Ph. D., M.P.H.		1	<p>Epidemiological studies on prevention of cardiovascular/atherosclerosis-related diseases, such as stroke or coronary artery disease, and of lifestyle-related diseases including dementia. Epidemiological study refers to a population study on human beings. Study topics other than aforementioned ones may be considered on individual bases. Please feel free to contact for possible application.</p>	<p>Globally, there is a growing need for primary prevention against lifestyle-related diseases such as hypertension, diabetes, cardiovascular diseases (including stroke and heart diseases), and dementia. Epidemiological studies play a major role in advancing the science in the field of primary prevention. Our department seeks for an enthusiastic student or scholar who is keen on learning and conducting epidemiological study for the prevention of those diseases. All the faculty members of our department have experiences of studying or training in the world-class facilities including: Mayo Clinic, Harvard University, University of California San Diego, University of Hawaii, University of Minnesota (USA), Imperial College London (UK). We have collaborated with multiple institutions and research-groups nationally and internationally. In addition, most of our staff members have contributed to producing the evidence-based clinical guidelines of Japan including "JSH(the Japanese Society of Hypertension)2019", "JAS(Japan Atherosclerosis Society Guidelines)2022", and "JCS(Japanese Circulation Society)2023". We welcome those who are motivated to learn and conduct epidemiological researches in the field of prevention of lifestyle-related diseases. We will be willing to support you from various aspects during your study period with us at the Wakayama Medical University, Japan, as much as we can. However, the level of your English command, willingness to learn Japanese and to communicate in Japanese cultural environment will be considered as part of our criteria of acceptance in addition to your motivation and academic history. Looking forward to your application! (Professor, Department of Hygiene, FUJIYOSHI, Akira, MD, PhD, MPH)</p>
			mail afujiy@wakayama-med.ac.jp	Please write your Recent Publications		

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					<p>Recent Publication (from 2020 to present as of July.2022)</p> <ol style="list-style-type: none"> 1. Zhang X, Fujiyoshi A, Ahuja V, et al. Association of equol producing status with aortic calcification in middle-aged Japanese men: The ERA JUMP study. <i>Int J Cardiol</i> 2022;352:158-64. 2. Aid M, Fujiyoshi A, Hisamatsu T, et al. A Comparison of Segment-Specific and Composite Measures of Carotid Intima-Media Thickness and their Relationships with Coronary Calcium. <i>J Atheroscler Thromb</i> 2022;29:282-95. 3. Suzuki H, Fujiyoshi A. Use of Heated Tobacco Products and Pulmonary Function in the Real World: More Studies Needed to Answer Many Important Questions. <i>J Epidemiol</i> 2022;32:153-4. 4. Sawayama Y, Hisamatsu T, Kadota A, et al. Association of ambulatory blood pressure with aortic valve and coronary artery calcification. <i>J Hypertens</i> 2022;40:1344-51. 5. Alman E, Kadota A, Hisamatsu T, et al. Relationship of Four Blood Pressure Indexes to Subclinical Cerebrovascular Diseases Assessed by Brain MRI in General Japanese Men. <i>J Atheroscler Thromb</i> 2022;29:174-87. 6. Aito Y, Miura K, Arima H, et al. Predictors of lower limb fractures in general Japanese: NIPPON DATA90. <i>PLoS One</i> 2022;17:e0261716. 7. Morioka I, Terashita H, Miyashita K, et al. [Support for a balance between work schedules and treatment regimens among workers with illness: A questionnaire survey focusing on company size in Wakayama Prefecture, Japan]. <i>Sangyo Eiseigaku Zasshi</i> 2022. 8. Ono K, Arima H, Fujiyoshi A, et al. Differential Association of Serum n-3 Polyunsaturated Fatty Acids with Various Cerebrovascular Lesions in Japanese Men. <i>Cerebrovasc Dis</i> 2022:1-7. 9. Quang GS, Hansen SL, McClelland RL, et al. Relation of Progression of Coronary Artery Calcium to Dementia (from the Multi-Ethnic Study of Atherosclerosis). <i>Am J Cardiol</i> 2022;171:69-74. 10. Ahmed S, Hisamatsu T, Kadota A, et al. Ventricular Premature Complexes and Their Associated Factors in a General Population of Japanese Men. <i>Am J Cardiol</i> 2022;169:51-6. 11. Ahmed S, Hisamatsu T, Kadota A, et al. Premature Atrial Contractions and Their Determinants in a General Population of Japanese Men. <i>Circ J</i> 2022. 12. Vu T, Fujiyoshi A, Hisamatsu T, et al. Lipoprotein Particle Profiles Compared With Standard Lipids in the Association With Subclinical Aortic Valve Calcification in Apparently Healthy Japanese Men. <i>Circ J</i> 2021;85:1076-82. 13. Syaifullah AH, Shiino A, Fujiyoshi A, et al. Alcohol drinking and brain morphometry in apparently healthy community-dwelling Japanese men. <i>Alcohol</i> 2021;90:57-65. 14. Suzuki H, Davis-Plourde K, Beiser A, et al. Coronary Artery Calcium Assessed Years Before Was Positively Associated With Subtle White Matter Injury of the Brain in Asymptomatic Middle-Aged Men: The Framingham Heart Study. <i>Circ Cardiovasc Imaging</i> 2021;14:e011753. 15. Nagata H, Miura K, Tanaka S, et al. Relationship of higher-level functional capacity with long-term mortality in Japanese older people: NIPPON DATA90. <i>J Epidemiol</i> 2021. 16. Moniruzzaman M, Kadota A, Shiino A, et al. Seven-Day Pedometer-Assessed Step Counts and Brain Volume: A Population-Based Observational Study. <i>J Phys Act Health</i> 2021;18:157-64. 17. Miyagawa N, Ohkubo T, Fujiyoshi A, et al. Factors Associated with Lower Cognitive

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					<p>Performance Scores Among Older Japanese Men in Hawaii and Japan. J Alzheimers Dis 2021;81:403-12.</p> <p>18.Kadowaki S, Kadowaki T, Hozawa A, et al. Differences between home blood pressure and strictly measured office blood pressure and their determinants in Japanese men. Hypertens Res 2021;44:80-7.</p> <p>19.Hisamatsu T, Ohkubo T, Hozawa A, et al. Association of self-measured home, ambulatory, and strictly measured office blood pressure and their variability with intracranial arterial stenosis. J Hypertens 2021;39:2030-9.</p> <p>20.Higashiyama A, Fujiyoshi A. How Is Socioeconomic Status Associated With the Incidence of Heart Failure? Circ J 2021;85:1553-4.</p> <p>21.Ganbaatar N, Kadota A, Hisamatsu T, et al. Relationship between Kidney Function and Subclinical Atherosclerosis Progression Evaluated by Coronary Artery Calcification. J Atheroscler Thromb 2021.</p> <p>22.Fujiyoshi A, Zaid M, Barinas-Mitchell E. Is Measuring Risk Marker Progression Useful for Cardiovascular Disease Prediction? Cerebrovasc Dis 2021;50:752-5.</p> <p>23.Takatsuji Y, Ishiguro A, Asayama K, et al. Exercise Habits Are Associated with Improved Long-Term Mortality Risks in the Nationwide General Japanese Population: A 20-Year Follow-Up of the NIPPON DATA90 Study. Tohoku J Exp Med 2020;252:253-62.</p> <p>24.Siddiquee AT, Kadota A, Fujiyoshi A, et al. Alcohol consumption and cognitive function in elderly Japanese men. Alcohol 2020;85:145-52.</p> <p>25.Pham T, Fujiyoshi A, Hisamatsu T, et al. Smoking habits and progression of coronary and aortic artery calcification: A 5-year follow-up of community-dwelling Japanese men. Int J Cardiol 2020;314:89-94.</p> <p>26.Nakama C, Kadowaki T, Choo J, et al. Cross-sectional association of bone mineral density with coronary artery calcification in an international multi-ethnic population-based cohort of men aged 40-49: ERA JUMP study. Int J Cardiol Heart Vasc 2020;30:100618.</p> <p>27.Moniruzzaman M, Kadota A, Segawa H, et al. Relationship Between Step Counts and Cerebral Small Vessel Disease in Japanese Men. Stroke 2020;51:3584-91.</p> <p>28.Miyazawa I, Miura K, Miyagawa N, et al. Relationship between carbohydrate and dietary fibre intake and the risk of cardiovascular disease mortality in Japanese: 24-year follow-up of NIPPON DATA80. Eur J Clin Nutr 2020;74:67-76.</p> <p>29.Liu Z, Zaid M, Hisamatsu T, et al. Elevated Fasting Blood Glucose Levels Are Associated With Lower Cognitive Function, With a Threshold in Non-Diabetic Individuals: A Population-Based Study. J Epidemiol 2020;30:121-7.</p> <p>30.Khan MMH, Fujiyoshi A, Shiino A, et al. The Association Between Coronary Artery Calcification and Subclinical Cerebrovascular Diseases in Men: An Observational Study. J Atheroscler Thromb 2020;27:995-1009.</p> <p>31.Kamada Y, Yamamoto A, Fujiyoshi A, et al. Loss of core fucosylation reduces low-density lipoprotein receptor expression in hepatocytes by inducing PCSK9 production. Biochem Biophys Res Commun 2020;527:682-8.</p>

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					<p>32.Hirata A, Kakino A, Okamura T, et al. The relationship between serum levels of LOX-1 ligand containing ApoAI as a novel marker of dysfunctional HDL and coronary artery calcification in middle-aged Japanese men. <i>Atherosclerosis</i> 2020;313:20-5.</p> <p>33.Fuse K, Kadota A, Kondo K, et al. Liver fat accumulation assessed by computed tomography is an independent risk factor for diabetes mellitus in a population-based study: SESSA (Shiga Epidemiological Study of Subclinical Atherosclerosis). <i>Diabetes Res Clin Pract</i> 2020;160:108002.</p> <p>34.Fujjyoshi A, Suri MFK, Alonso A, et al. Hyperglycemia, duration of diabetes, and intracranial atherosclerotic stenosis by magnetic resonance angiography: The ARIC-NCS study. <i>J Diabetes Complications</i> 2020;34:107605.</p> <p>35.Fujjyoshi A, Miura K, Ohkubo T, et al. Proteinuria and Reduced Estimated Glomerular Filtration Rate are Independently Associated With Lower Cognitive Abilities in Apparently Healthy Community-Dwelling Elderly Men in Japan: A Cross-sectional Study. <i>J Epidemiol</i> 2020;30:244-52.</p> <p>36.Fujjyoshi A. "Progression" of a risk factor on cardiovascular outcome: A valuable point, a questionable interpretation. <i>Eur J Prev Cardiol</i> 2020;27:231-3.</p>