

MEDICAL BOARD STAFF REPORT

DATE REPORT ISSUED: October 10, 2016  
ATTENTION: Members, Medical Board of California  
SUBJECT: Special Faculty Permit Review Committee  
Recommendation  
STAFF CONTACT: Curtis J. Worden, Chief of Licensing

RECOMMENDED ACTION:

Shunji Sano, M.D., Ph.D.

Approve the Special Faculty Permit Review Committee (SFPRC) recommendation for a Special Faculty Permit (SFP) appointment for Shunji Sano, M.D., Ph.D., pursuant to California Business and Professions Code (BPC) section 2168.1(a)(1)(B).

BACKGROUND AND ANALYSIS:

The Medical Board of California (Board) is authorized to issue an SFP to a physician who is academically eminent and meets all of the other requirements pursuant to BPC section 2168.1.

An individual who holds a valid SFP is authorized to practice medicine only within the medical school itself and any affiliated institutions in which the SFP holder is providing instruction as part of the medical school's educational program, and for which the medical school has assumed direct responsibility.

The SFPRC is comprised of two Board members, one who is a physician and one who is a public member, and one representative from each of the 10 allopathic medical schools in California for a total of 12 members. The SFPRC reviews and makes recommendations to the Board regarding the applicants applying pursuant to BPC section 2168.1.

At the SFPRC's September 29, 2016 meeting, the SFPRC reviewed the qualifications of one applicant from the University of California San Francisco (UCSF).

Shunji Sano, M.D., Ph.D. - UCSF:

Neal Cohen, M.D., M.S., M.P.H., Vice Dean, UCSF, presented UCSF's request for Shunji Sano, M.D., Ph.D., to receive an SFP and provided the SFPRC with Dr. Sano's qualifications.

Dr. Sano's area of expertise is pediatric cardiac surgery.

Dr. Sano has held the following positions: Consultant Cardiac Surgeon, Victoria Pediatric Cardiac Surgical Unit at Royal Children's Hospital, Melbourne, Australia; Assistant Professor, Surgical Department at Okayama University Medical School, Okayama, Japan; Assistant Professor, Department of Cardiovascular Surgery at Okayama University Medical School, Okayama, Japan; Professor and Chairman, Department of Cardiovascular Surgery at Okayama University Medical School, Okayama, Japan; Professor, Functional Physiology, Bio-physiological Science, Okayama University Graduate School of Medicine and Dentistry, and Chairman, Department of Cardiovascular Surgery, Okayama University Hospital, Okayama,

Japan; Vice President, Okayama University Hospital, Japan; and Professor, Functional Physiology, Bio-physiological Science, Okayama University Graduate School of Medicine and Dentistry and Pharmaceutical Science Chairman. Dr. Sano has extensive experience in the surgical care of patients with life threatening cardiac abnormalities and is regarded internationally as a leader in the field and a pioneer in the development of new surgical techniques. Dr. Sano is responsible for transforming Okayama University Medical School cardiovascular program into the leading pediatric cardiac surgery program in Japan, performing over 500 cases per year. He also teaches local surgeons in pediatric cardiac surgery procedures.

Dr. Sano has given approximately 150 invited lectures internationally and has participated in many surgical symposia in Asia, Europe and the United States. Dr. Sano is internationally renowned for his contributions to the surgical treatment of congenital heart disease including the development of the “Sano Procedure” for hypoplastic left heart syndrome. Dr. Sano has performed more than 7000 pediatric cardiac surgeries in Japan and has pioneered research on cardiac regeneration therapy. Dr. Sano and his research team have developed a progenitor cell therapy for patients with single ventricle heart failure.

Dr. Sano will hold a full-time faculty appointment as a Professor of Surgery at UCSF, if approved for an SFP appointment by the Board. Dr. Sano will engage in the practice of pediatric cardiac surgery at UCSF, teaching cardiothoracic surgery fellows, participating in teaching conferences and resident rounding. Dr. Sano will serve as the principal investigator of a multi-center trial of stem cell auto transplants in pediatrics patients at UCSF. Dr. Sano is an extraordinarily accomplished surgeon who has the credentials to guide the UCSF pediatric cardiac surgery program to international recognition in the treatment of heart failure patients. A great need exists to expand pediatric cardiac surgical services and to develop the capability to provide innovative surgical repairs for the most complex cardiac abnormalities at UCSF.

Dr. Sano’s application is complete except for the copy of his U.S. social security card, a copy of his U.S. visa, and the final fee for the permit. The file is ready to present for discussion and recommendation by the Committee. The copy of his U.S. social security card, U.S. visa, and the final fee for the permit will be required prior to issuing the SFP, should the Board approve an SFP appointment for Dr. Sano.

#### Education:

##### Medical School:

Okayama University Medical School Graduated March 25, 1977	Japan	1971 - 1977
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##### Postgraduate Training:

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| ➤ Hiroshima City Hospital<br>General Surgery  | Japan | 1977-1978 |
| ➤ Okayama University Medical School<br>Cardiovascular Surgery (Doctor of Philosophy in Medical Science) | Japan | 1978-1982 |

