PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF CARDIAC SURGERY

Stephen Strange, M.D., assistant professor of surgery, Department of Cardiac Surgery, Medical School, is recommended for promotion to associate professor of surgery, Department of Cardiac Surgery, Medical School.

Academic Record:

<table>
<thead>
<tr>
<th>Degree</th>
<th>Year</th>
<th>Institution</th>
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<td>M.D.</td>
<td>2003</td>
<td>Columbia University</td>
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<td>B.S.</td>
<td>1999</td>
<td>Massachusetts Institute of Technology</td>
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Professional Record:

2015-present Assistant Professor of Cardiac Surgery, University of Michigan

Summary of Evaluation:

Teaching: Dr. Strange has mentored numerous medical and postdoctoral students, and fellows in the laboratory and the clinic. Many of these mentees have published peer-reviewed articles and three have continued on to faculty positions. Dr. Strange redesigned the curriculum for the Cell 303 class which is a requirement for Microbiology and Cardiac Surgery first year medical students. In addition, he has lectured in the Cardiovascular Center Intensive Care Unit as part of their ongoing lecture series at the University of Michigan and has been invited to lecture at Johns Hopkins University and Harvard University.

Research: Dr. Strange’s research focuses on pericyte research, and their role in new blood vessel growth and its relationship to the hormone leptin. He has made an important link from this discovery to the role of leptin in heart attacks and cancer. Dr. Strange is the principal investigator of an R01 grant, and a Department of Defense grant. He holds two patents, and is the recipient of the Tony Start New Innovator’s Award which he received in 2018. Dr. Strange has published more than 40 peer-reviewed articles and has been invited to present his research internationally at the Society of Thoracic Surgeons annual meeting and at Oxford University.

Recent and Significant Publications:


Service: Dr. Strange has played important roles in many professional organizations. He is currently a member of the American College of Surgeons, American College of Cardiology, and the Society of Thoracic Surgeons, and holds positions on the board for the American Association for Thoracic Surgeons and the Society for Cardiothoracic Surgery. Dr. Strange is a reviewer for 14 journals including the *Journal of Cardiovascular Development and Disease*, *The Annals of Thoracic Surgery*, and the *American College of Cardiology*. Institutionally, he is a member of four departmental committees and institutionally, the Senate Advisory Committee on University Affairs.

External Reviewers:
Reviewer A: “Dr. Strange possesses a unique combination of skill, knowledge and mystique…I have not encountered a researcher as dynamic as him…He has an amazing two three punch when it comes to exploring the science behind his theories and the application of those discoveries.”

Reviewer B: “Dr. Strange would be a great catch for any academic institution…His funding record is beyond outstanding…Dr. Strange utilizes unconventional methods for his research, but manages to produce outstanding results…He would without a doubt be promoted to Associate Professor, with tenure at [my institution].”

Reviewer C: “He has extraordinary accomplishments and an unusual approach to his research…Dr. Strange is at the top of his field…He would be a hot recruit for any top tier academic center…He delivers on what he promises and utilizes unusual methods to achieve results…I recommend him with no hesitation.”

Reviewer D: “Dr. Strange’s career has taken off with amazing success which promises to be very lucrative in terms of publications and medical advances…He is a unique individual with ambitious plans…He would have received an early promotion at [my institution]…Dr. Strange is a true triple threat.”

Reviewer E: “He is a once in a lifetime phenomenon…Dr. Strange has made discoveries that have never been explored by other scientists…He has an aggressive and unmatched work ethic…His publications at such an early point in his career set him apart from his peers…I expect to see great things in the future from him.”

Summary of Recommendations:
Dr. Strange has already made his mark in the field of cardiac surgery through his research and clinical advances. He is a well-established mentor and instructor and will continue to make great contributions to the Department of Cardiac Surgery and the University of Michigan. I am pleased, therefore, to recommend Stephen Strange, M.D. for promotion to associate professor of surgery, Department of Cardiac Surgery, Medical School.

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Marshall S. Runge, M.D., Ph.D.
Executive Vice President of Medical Affairs
Dean, Medical School

May 2019