APDVS Medical Student & Resident Recruitment Adhoc Committee Report
Committee Members

• Christopher Healy
• Jonathan Bath
• Rebecca Kelso
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• Erica Mitchell
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Mission

• Recruitment strategies for medical students and general surgical residents
  – Mentorship
  – VS Interest groups
    • Simulation programs
  – Scholarship programs
    • VAM
    • GORE grant- pilot at 3 regional societies
SVS VAM Scholarship Program

Recruitment Analysis

Matches

978 Total Scholarships Awarded Since 2005

365 Total Vascular Surgery Matches

The number of scholarship recipients matching into a Vascular Surgery Training Program (fellowship or residency)

3 out of 5 scholarship recipients who have completed training have matched into Vascular Surgery

- "...definitely increased my commitment to vascular surgery...the networking opportunities were outstanding."
- "...after attending, I have concluded that I will pursue Vascular Surgery as my career choice."
- "...participating in the program...further solidified my decision to become a vascular surgeon."
- "...very impressed with the balance of information, mentorship, and networking opportunities provided in the same meeting."
- "...an insightful and exciting conference..."
**ELIGIBILITY**

- **37%** Matched into a Vascular Surgery Program
- **40%** Still eligible to match into a Vascular Surgery Program
- **22%** Matched into a different specialty program

Of the **393** candidates still eligible to match into vascular surgery in the future, **182** are medical students.

**SVS MEMBERSHIP**

- **263** Scholarship Recipients were Student or Resident Candidate SVS Members
- **53** Scholarship Recipients are now Active SVS Members
- **84%** of Student or Resident SVS Candidate Members that have completed training and were Scholarship Recipients matched into a vascular surgery training program

"I did not realize the importance of attending the Vascular Annual Meeting until I began interviewing for the 0-5 vascular residency positions. It is nice to see familiar faces now at interviews, and the VAM scholarship gave me the opportunity to start these relationships early."  

"I learned a lot about the field of vascular surgery and was pleased to meet so many encouraging surgeons and trainees."

**OVERALL**

Matches Based on Scholarship Awarded:

- **Student Research Fellowship** - VAM Travel (2013-2014)
- **Introduction to Research** (2012)
- **Minority Medical Student** (2012-2014)
- **Travel** (2005-2014)
New England Society for Vascular Surgery

• Scholarship Program
  – 20 scholarships (travel expenses)
    • Medical students and surgical residents
  – “Professor Rounds session”
    • Case presentations to society leadership
New England Society for Vascular Surgery

- **Scholarship Recipients 2017**
  - Nkiruka Arinze, Boston Medical Center
  - Afsha Aurshina, Yale University School of Medicine
  - Adam Brownstein, Yale University School of Medicine
  - Calvin Chao, University of Massachusetts Medical School
  - Ahra Cho, Geisel School of Medicine at Dartmouth
  - Tristen Chun, Brown University/Rhode Island Hospital
  - Saman Doroodegar Jorshery, Yale University School of Medicine
  - Shernaz Dossabhoy, University of Massachusetts Medical School
  - Emily Fan, University of Massachusetts Medical School
  - Robert Gakwaya, University of Massachusetts Medical School
  - Kathleen Leinweber, Geisel School of Medicine at Dartmouth
  - Desiree Picone, Rhode Island Hospital
  - Chien Yi Max Png, Mount Sinai School of Medicine
  - Sourav Podder, University of Massachusetts Medical School
  - Sneha Subramaniam, Icahn School of Medicine, Mount Sinai
  - Sean Sun, Geisel School of Medicine at Dartmouth
  - Karissa Tauber, Dartmouth Medical School
  - Parth Trivedi, Mount Sinai School of Medicine
  - Gregory Whitcher, Robert Larner College of Medicine/UVM
  - Huili Zhu, Geisel School of Medicine at Dartmouth
2015-2017 MVSS Medical Student Education & Participation Program

“Introducing Vascular Surgery as a Career Choice”
Program Goals

• Introduce Vascular Surgery as a Career Choice

• Provide opportunity for medical students to meet other medical students with interest in vascular surgery

• Provide opportunity for medical students to meet members and leaders of MVSS

• Provide medical students a forum to discuss opportunities for mentorship, research and vascular surgery residency and fellowship positions.
• Introduce concept of vascular skills training as a method to enhance the medical school educational experiences

• Provide basic vascular skills training
  – Safe, stress-free environment

• Answer questions about vascular surgery

• Help you consider a career in vascular surgery
2015-2017 Program Participants

• 99 Medical Students (MS1-MS4)
  – 21 Midwest Medical Schools

• 41 Vascular Surgery Faculty (volunteer)
  – 18 Midwest Institutions
  – Academic Centers
  – Community Practices
  – 9 Program Directors
  – 7 Chairs
• 4-hour Formal Program

• 10 Didactic Lectures

• Career Choice Discussions

• Basic Vascular Surgery Skills Training
  – 5 Hands-on Skill Stations
    • Knot Tying, Forceps Handling, Needle Driving/Needle Accuracy Placement, Vascular Repair, Open and Endovascular Demonstrations

• Expert Simulation Training Demonstrations
Presentations

1. How Vascular Surgery Programs Differ from Interventional Radiology and Interventional Cardiology Programs
2. Career Choices, Lifestyle Issues, and Job Opportunities
3. Maximizing Your Vascular Surgery Rotation Experiences, Education, and Research as a Medical Student
4. Vascular Surgery Surgical Skills and Simulation Training in Medical School
5. External Rotations, Subinternships, Tips for Interviews and the Match Application
6. Mentorship and Strategic Networking Opportunities in the Midwest and MVSS
7. Vascular Surgery Training Programs – Residency (0+5) vs. Fellowship (5+2): Was I ready to practice vascular surgery?
8. A Day in the Life of a 0+5 Vascular Surgery Resident:
9. A Day in the Life of a 5+2 Vascular Surgery Fellow:
10. Community vs. Academic-based Training Programs: Community Perspective
11. Community vs. Academic-based Training Programs: Academic Perspective
1. What is Vascular Surgery?

2. What does the specialty of vascular surgery encompass?

3. What type of procedures does a vascular surgeon perform?

4. What are the current training pathways in vascular surgery?

5. When should I begin the process for searching and applying for a vascular residency or vascular surgery fellowship position?

6. Is having a vascular surgery mentor important?

7. How do I obtain a vascular surgery mentor at my institution?

8. Is doing vascular surgery research in medical school important?

9. How do I become involved with vascular research at my institution?

10. What medical student-specific research meetings are available to me?
Answers to FAQ

11. How do I become involved with my local, state, regional and national vascular surgical societies?

12. Are there scholarship opportunities available to me to help me attend meetings?

13. How do I obtain vascular surgery surgical skills training in medical school?

14. How do I choose between vascular residency vs. vascular fellowship?

15. When do I start the application process?

16. What are vascular residency or fellowship training programs looking for in a medical student or general surgery resident?

17. How do I make myself a good candidate for a vascular residency or fellowship?

18. Who do I talk to at my medical school to get involved with vascular surgery?

19. Why is it important to get started in vascular surgery skills training early in my career?

20. How do I start a vascular surgical interest group at my medical school?
Skills Stations

**Knot Tying**

- Close wound using instrument tied knots
- Tie 2-handed knots at surface and depth

**Needle Driving Accuracy**

- Drive a needle through bulls-eyes in a direct and indirect direction
- Use forehand or backhand handgrip technique

**Forceps Handling**

- Drive 2-0 needle and suture through black dots in a continuous fashion
- Use forehand or backhand handgrip

**Vascular Repair**

- Drive 6-0 needle and suture through black dots in a continuous technique
- Use Castro-Viejo needle drivers
Didactic Lectures
Skills Training - 1:3 to 1:1 ratio
Smiles Everywhere!
This is fun!
Have Fun, Enjoy Yourself
Consider Vascular Surgery as a Career
We are better for you!
Conclusion

• Well received program

• Currently evaluating student career choices

• Planning 4th Annual Program

• MVSS Medical Student Education Committee
  ▪ Bernadette Aulivola
  ▪ Jonathan Bath
  ▪ Senthil Jayarajan