<table>
<thead>
<tr>
<th>Event</th>
<th>Dates</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Healthcare Professionals Panel</td>
<td>July 8, 2018</td>
<td>Students will break into small groups with healthcare professionals (physicians, nurses, dentists, etc.) and learn about their career paths and what inspired them to pursue healthcare.</td>
</tr>
<tr>
<td>Introduction to Surgical Skills</td>
<td>July 11, 2018 &amp; July 25, 2018</td>
<td>Students will work with the Goodman Surgical Education Center to learn about a surgeon’s career and also practice knot tying and basic laparoscopic skills using surgical training equipment.</td>
</tr>
<tr>
<td>Clinical Anatomy Tour</td>
<td>July 18, 2018 &amp; July 25, 2018</td>
<td>Students will visit the Clinical Anatomy Division and learn about human anatomy through use of stereoscopic images, an interactive Anatomage table, and bone collections.</td>
</tr>
<tr>
<td>Vital Signs 101</td>
<td>July 11, 2018 &amp; July 18, 2018</td>
<td>Students will work with medical students and residents to learn the importance of vital signs and practice measuring several of these health indicators.</td>
</tr>
<tr>
<td>Patient Stories &amp; Next Steps</td>
<td>August 1, 2018</td>
<td>Students will hear from cochlear implant patients to learn about the impact of medicine and also receive advice for pursuing a healthcare career from pre-health advisors, medical students, and residents.</td>
</tr>
</tbody>
</table>

**SMASH Medical Curriculum**
## SMASH Rising Schedule

<table>
<thead>
<tr>
<th>Time &amp; Location</th>
<th>Presenter</th>
<th>Activity</th>
<th>Affiliated Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:45 am</td>
<td>Sivan Levaton, M.Ed. &amp; Serena Bidwell, MPH</td>
<td>Welcome</td>
<td>Stanford School of Medicine; SMASH</td>
</tr>
<tr>
<td>LKSC 208</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>9:00 am – 10:00 am LKSC 208</td>
<td>Ahmad Wright, M.Ed.</td>
<td>Framing the Story of My Career</td>
<td>Bridging Education, Ambition, and Meaningful Work (BEAM)</td>
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<tr>
<td>10:00 am - 10:30 am</td>
<td></td>
<td>Break</td>
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</tr>
<tr>
<td>10:30 am – 11:00 am</td>
<td>Gordon Saul, MBA</td>
<td>Needs Centered Innovation in Healthcare Technology</td>
<td>Byers Center for Biodesign</td>
</tr>
<tr>
<td>Byers Center Studio</td>
<td></td>
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<tr>
<td>11:00 am – 11:45 am</td>
<td></td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>11:50 am – 12:45 pm</td>
<td>Dan Azagury, MD &amp; James Wall, MD</td>
<td>Design Thinking Workshop</td>
<td>Byers Center for Biodesign</td>
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<tr>
<td>Byers Center Studio</td>
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</tr>
<tr>
<td>12:45 pm – 1:30 pm</td>
<td>Thomas Caruso, MD, M.Ed.</td>
<td>Virtual Reality in Children’s Healthcare</td>
<td>CHARIOT Program</td>
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<tr>
<td>Alway M015A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:30 pm – 3:30 pm</td>
<td>Nadia Gathers, BA</td>
<td>Design Your Life</td>
<td>Stanford Life Design Lab</td>
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<tr>
<td>Alway M015A</td>
<td></td>
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<td></td>
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<tr>
<td>3:45 pm – 4:10 pm</td>
<td></td>
<td>Shuttle to Canary Center</td>
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</tr>
<tr>
<td>4:30 pm – 5:00 pm</td>
<td>SMASH Rising Cancer Center Scholars</td>
<td>Tour of Canary Center</td>
<td>Canary Center for Cancer Early Detection</td>
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<tr>
<td>Canary Center</td>
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<tr>
<td><strong>SMASH Rising Schedule</strong></td>
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</table>
Welcome to Stanford University School of Medicine

Healthcare Professionals Panel

July 8, 2018
Li Ka Shing Center

If you have any questions or wish to follow up with any of the panelists, please contact Serena Bidwell at sbidwell@stanford.edu
Meet the Panelists

Kian Keyashian, MD

Dr. Keyashian is a gastroenterologist specializing in chronic inflammatory diseases of the GI tract such as Crohn’s disease and ulcerative colitis. He attended college at UC Davis and medical school at UCSF. He subsequently attended the University of Michigan for internal medicine residency and USC for his gastroenterology fellowship. He currently practices in Stanford, Emeryville. His career goal since his graduation from his inflammatory bowel disease (IBD) fellowship in 2012 has been to improve the outcomes and quality of life of patients with IBD. His research focuses on investigating new noninvasive diagnostic tests and new promising medications with less side effects.

Manpreet Singh, MD, MS

Dr. Singh is an Assistant Professor of Psychiatry and Behavioral Sciences, and passionately engages in the clinical, research, and teaching missions in the Department of Psychiatry. Her goal is to accelerate understanding and treatment in youth with or at high risk for developing lifelong mood disorders. Dr. Singh earned her MD at Michigan State University and her MS at University of Michigan. She completed her combined residency training in Pediatrics, Psychiatry, and Child and Adolescent Psychiatry at Cincinnati Children’s Hospital Medical Center. After two years of postdoctoral training at Stanford, she joined our faculty in 2009. She is Director of the Pediatric Mood Disorders Program and Director of the Pediatric Emotion and Resilience Lab.

Venita Chandra, MD

Dr. Chandra is a Clinical Associate Professor of Surgery in the Division of Vascular Surgery. She is also the medical director of the Stanford Advanced Wound Center, the associate program director of the Vascular Surgery Fellowship, and the Vascular Surgery Medical Student Clerkship Director. She is the founder of the Stanford Extremity Preservation Program (StEP). She earned her B.S. degree in Genetics and Cell Biology from the University of Minnesota in 1999. In 2004, she received her MD from the University of Chicago and was elected to the Alpha Omega Alpha Honor Society. Dr. Chandra completed her General Surgery residency at Stanford in 2011 and is a graduate of the Stanford Biodesign program.

Carolyn Rodriguez, MD, PhD

Dr. Rodriguez is Director of the Translational Therapeutics Lab, Assistant Professor, and Associate Chair of Inclusion and Diversity in the Department of Psychiatry and Behavioral Sciences at Stanford University and a Consult-Liaison Psychiatrist at the Palo Alto VA Health Care System. Dr. Rodriguez received her B.S. in Computer Science from Harvard University in 1996, followed by her Ph.D. in Neuroscience and Genetics from Harvard Medical School and M.D. from Harvard Medical School-M.I.T. in 2004. Dr. Rodriguez engages the community to advocate for mental health care and research, writing for Huffington Post and Harvard Business Review and contributing to the Emmy-nominated PBS series, Healthy Minds.

Wilson Alobuia, MD

Dr. Alobuia is originally from Ghana, West Africa, and moved to the United States in September 2008. His family lived in Conway, Arkansas where he went to college at the University of Central Arkansas with a major in Biology and a minor in Interdisciplinary Studies. He attended medical school at the University of Arkansas. Currently, he is a General Surgery resident physician at Stanford, with plans to pursue a fellowship in Surgical Oncology or Pediatric Surgery. Throughout his education, he has been involved in several summer healthcare professional programs. Most of his successes he attributes to participation in these programs as they provided him the opportunity to get involved in projects that made him competitive in subsequent applications.
Meet the Panelists

**Melissa Tribble, Au.D.**

Dr. Melissa Tribble received her Bachelors of Science in Speech Pathology and Audiology from Miami University (Ohio) in 2002, her Doctorate in Audiology degree from Kent State University in 2006 and joined the pediatric audiology team at Stanford in 2007. She provides a full range of services to cochlear implant candidates and recipients and uses her skillset in pediatric audiology to fill many roles at Stanford Children’s Health, including being the lead pediatric audiologist for the Cleft and Craniofacial team, lead audiologist for the Microtia and Atresia clinic, audiologist on the Cochlear Implant team, and actively involved in clinical education for audiology students. She is also manager for the Pediatric Audiology Department.

**Nicole Burwell MSHS, PhD, PA-C**

Dr. Burwell is a Clinical Associate Professor in the Department of Medicine, Division of Primary Care. She currently serves as the Director of Pre-Clerkship Education for the Stanford School of Medicine, Master of Science in PA Studies program. Dr. Burwell is a seasoned clinical PA with almost 20 years of experience in Internal Medicine and Occupational Health. She completed her PA training at George Washington University where she earned a MSHS. She also holds a Ph.D. from Howard University School of Pharmacy and Allied Health. Her research interests include Health Disparities and Nutritional Sciences with a focus on the pivotal role it plays in cardiovascular disease.

**Kimberly Hwa, PA**

Kimberly Hwa is a board-certified physician assistant (PA) with 8 years of experience in general surgery working at a Veterans Administration university affiliated medical center. She is a clinical instructor and preceptor for the PA program at Stanford and has experience working with and teaching new students in surgery. She has clinical experience in surgical oncology, hepatobiliary and colorectal disease. Ms. Hwa attended community college then transferred to UC Berkeley to earn a Bachelor in Arts in Integrative Biology. She was accepted to medical school but elected to attend Stanford’s PA program. She graduated in 2011 earning her Physician Assistant Certificate from Stanford University and a Masters degree from St. Francis University.

**Lisa Muniz, MSN, MBA, RN**

Lisa Muniz is a Nursing Professional Development Specialist. She obtained her Associate degree in Nursing from the College of San Mateo and her Bachelor of Science in nursing from San Francisco State University. She then pursued her Master of Science in Nursing and her Master of Business Administration (with an emphasis in healthcare management) from the University of Phoenix. She is also holds a public health nurse certification and is a member of the American Nurses Association. Lisa enjoys her position because she is able to work alongside a team of other nurses who truly demonstrate their passion and commitment to educating and supporting others.

**James Goyena, MSN, RN, HCI**

James Goyena is an experienced Registered Nurse with over 25 years’ experience with a demonstrated history of working in an Academic Medical Center in Critical Care and currently works as a Nursing Professional Development Specialist at the Center for Education and Professional Development. A strong education professional with Masters in Clinical Faculty and with a Certification focused in Health Care Informatics. He is an active member of American Association of Critical Care Nurses, Association for Nursing Professional Development and Sigma Theta Tau.
Contact Information

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- **SCHOLARS AND THEIR PARENTS CAN COMPLETE THIS SURVEY AND SOMEBODY FROM DR. SINGH’S TEAM WILL MAKE SURE TO FOLLOW UP:** HTTPS://REDCAP.STANFORD.EDU/SURVEYS/INDEX.PHP?S=4K9P3JJEE9

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- **LAB WEBSITE:** HTTP://MED.STANFORD.EDU/RODRIGUEZLAB.HTML

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Scholly App: https://myscholly.com/#scholly  
- **FOR FINDING SCHOLARSHIPS**
Meet the Speakers

Ahmad Wright, MA Ed.

Ahmad is an Assistant Dean and Associate Director with BEAM, Stanford Career Education. In his role with Career Catalyst, a team focused on a two-pronged approach of increasing Equity and Inclusion, and building Community and Belonging around the intersection of career and identity, Ahmad is responsible for the development and implementation of the broader diversity strategy for his team and BEAM. Ahmad’s professional experience includes a combined 12 years of work in higher education and the recruiting industry. Prior to his time at Stanford, Ahmad spent 6 years in academic advising at his alma mater UC Berkeley, where he earned his M.A. in Education and B.A. in Sociology.

Gordon Saul, MBA

Gordon is the Executive Director of the Byers Center for Biodesign at Stanford University, and an Adjunct Professor of Bioengineering. He has over 25 years of startup and business development experience in the medical device and pharmaceutical industries. Prior to joining Biodesign, Gordon was an executive-in-residence at InterWest Partners, a leading Silicon Valley venture capital firm, where he served as a founding or interim executive in over a dozen portfolio companies. Prior to joining InterWest, he was a co-founder, board member and senior vice president of business development for PowderJect Pharmaceuticals, a publicly-traded drug delivery company acquired by Chiron Corporation in 2003 for $870M. He also held business development roles at ALZA Corporation and Advanced Cardiovascular Systems, a division of Guidant Corp. Gordon has worked in Japan in the financial services industry and in management consulting for The Boston Consulting Group. Gordon received an AB in engineering sciences from Dartmouth College and an MBA from Stanford.
Meet the Speakers

Dan Azagury, MD

Dan Azagury is a minimally invasive surgeon specializing in digestive surgery, bariatric surgery and general surgery. Dr. Azagury trained both in Europe and the United States and is board certified in surgery in Switzerland, his home country. After completing his residency in Switzerland, he undertook a research fellowship at Brigham and Women’s Hospital and Harvard Medical School in Boston. Alongside his clinical practice, Dr. Azagury is a faculty member at the Stanford Center for Biodesign. He is the assistant director of specialty fellowship program and co-directs the Japan Biodesign partnership program. He is also a faculty member and teaches in multiple medical innovation programs across Europe. Dr. Azagury holds multiple patent applications and co-founded two medical device companies including Ciel Medical. Ciel focuses on novel approaches to reducing Ventilator Associated Pneumonia and was acquired by Vyaire medical in 2017. He is the father of three and is fluent in French and Spanish.

James Wall, MD

Dr. James Wall is Pediatric Surgeon at Stanford who focuses on minimally invasive approaches to children’s surgery. He is an alumnus of the Stanford Biodesign program and holds a Masters degree in Bioengineering. He has a research focus on how we educate others to design and develop health technology as well as the emerging field of surgical endoscopy. He has developed multiple health technologies including a novel epidural needle, a protection device for umbilical catheters and a wearable leg compression system. James currently leads the perioperative Value Analysis Committee and surgical endoscopy program Lucile Packard Children’s Hospital and is the Assistant Director of the Byers Center for Biodesign Innovation Fellowship at Stanford.

Thomas Caruso, MD, MA Ed.

Dr. Caruso is a Clinical Associate Professor of Pediatric Anesthesia at Lucile Packard Children’s Hospital Stanford. He is the co-director of the CHARIOT (Childhood Anxiety and pain Reduction through Innovation and Technology) Program, which aims to reduce pediatric patients’ anxiety and pain by utilizing immersive technologies, including augmented and virtual reality. He has helped lead the CHARIOT Program’s implementation throughout multiple areas and departments within the hospital and is now spreading the program regionally and nationally. Dr. Caruso is also the Director of Perioperative Quality Improvement and an advisor to the Department of Graduate Medical Education at Stanford’s School of Medicine. He holds a Bachelor of Science with High Distinction in biochemistry from the University of Virginia, a Master’s Degree in medical education from Johns Hopkins University and a Medical Degree from Stanford University.

Nadia Gathers, BA

Nadia Gathers manages Internal Communications at Github and teaches intersectional design thinking at the Stanford University d.school and beyond. In their spare time, they are a mental health advocate, occasional stage-talker, and aspiring novelist. TL;DR - Nadia helps people talk to each other.