Dental Academy

Winter—Spring 2017

Empowering underrepresented youth through mentorship, networking with healthcare providers, and health professional students in Medicine and Dentistry.

SCHOOL OF DENTISTRY
UNIVERSITY of WASHINGTON
The Office of Educational Partnership and Diversity at the University of Washington School of Dentistry began a 7 Saturday session program in the Winter of 2017 for middle and high school students of underrepresented backgrounds. Dental Academy offered an inside look into the specialties of dentistry and medicine through mentorship and interaction with current healthcare providers and dental students. Participants took part in hands-on activities relevant to healthcare training in the dental school’s clinics and labs. This year, 18 students ranging from middle school through high school completed the program. Throughout the program, the scholars also learned about oral and systemic health as well as delivered final video presentations prepared under the mentorship of dental students and faculty.

Dr. Nicholson teaches Scholars, Naomi and Rachel, about imaging.

The 2017 Dental Academy Graduates
From the Program Coordinators:

We would like to give a huge thank you to each of you for all your hard work and participation in Dental Academy. This is our fourth year of the program, and we couldn't be more proud to have had such a wonderful and enthusiastic group of students. From the Office of Educational Partnerships and Diversity, we look forward to seeing you all pursue your passions and become compassionate healthcare professionals.

“I really applaud all of your dedications for being part of this program. I am inspired by the hard work I saw you put into your digital telling stories, for making time to attend the various sessions and for challenging yourself to learn. By seeing this now, I know you will continue that same story of hard work ethic and never losing sight of what your goals are. So keep up your good work.”

-Dr. Douglass Jackson, Faculty
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<td>Session 1</td>
<td>January 28, 2017</td>
<td>Minority Association of Pre-Health Students Conference</td>
<td>Dental Simulation Workshop and Mirror Maze</td>
<td>Douglass Jackson, DMD, PhD</td>
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<td>Session 2</td>
<td>February 4, 2017</td>
<td>Leadership in Health Care</td>
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<td>Session 3</td>
<td>March 11, 2017</td>
<td>Dental Implants, Early Childhood Caries</td>
<td>Skull anatomy &amp; imaging</td>
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<td>Session 4</td>
<td>April 1, 2017</td>
<td>Special Care in Dentistry &amp; Interprofessional Care</td>
<td>Skull anatomy and imaging</td>
<td>Ashland Doomes, DDS; Keturah Lowe, DMD</td>
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<td>Session 5</td>
<td>April 22, 2017</td>
<td>Traditional Medicine Hike at Taylor Mountain Forest Forest</td>
<td>Learning about Native American Medicinal plants</td>
<td>Terry Maresca, MD; Seok Bee Lim, DMD</td>
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<td>Session 6</td>
<td>May 6, 2017</td>
<td>Cardiac &amp; Oral Health Issues</td>
<td>Heart Dissection and Suturing Clinic</td>
<td>Jason Deen, MD; Cesar Pizano MD; Luis Acevedo. DDS</td>
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<td>Session 7</td>
<td>May 13, 2017</td>
<td>Graduation Ceremony</td>
<td>Sharing of Digital Storytelling Projects</td>
<td>Pollene Speed McIntyre, DDS; Ms. Antaknea Majors</td>
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<td>Speaker: Pollene Speed McIntyre, DDS; Ms. Antaknea Majors</td>
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Tony Yan, a third year dental student and a Dental Academy mentor, teaches a group of guest Scholars how to take radiographs.

Scholar, Astan, inspects a medicinal plant during the traditional medicine hike.

Dr. Micah Nicholson works together with Scholars, Sumayo and Ashley, in an ice-breaker activity.
-MAPS/CCM Pre-Health Conference-

Session 1

A panel consisting of Arley Medrano, 3rd year RIDE dental student, Emily Gimness, 2nd year dental student; and James Lovelace, a dental hygienist and incoming dental student, share stories of their different journeys into dentistry.

Scholars, Ubah, Astan and Amina having a good time at the Minority Association of Pre-health Students (MAPS) conference.
-Cavity Filling Workshop-

Session 1

Chris, a Dental Academy Scholar, and other scholars practice composite fillings.

Hayley Denison, a 3rd year RIDE dental student, teaches Scholars, Astan, Ubah and Amina, how to do composite fillings.
Dr. Shaquita Bell shares her journey into a medical career and her work experiences as a leader in the field of pediatrics healthcare with Scholars.

Aneka Vo, a 1st year dental student, and Diana Flores, an AmeriCorps member, supervise Scholars, Bethany, Angelina and Ashley, as they share their digital story project ideas with each other.
Amy, a Scholar, takes her turn in the circle during the “common grounds” ice-breaker activity.

Scholar, Sean, participates in “Picture yourself as a doc” as Theresa Bainbridge, a project coordinator in the UW SOD, takes his picture.
-Dental Implants & Early Childhood Caries-

Session 3

Dr. Kendra Farmer, an alumnus of UW SOD and a pediatric dentist, shares her journey into dentistry. She also spoke about early childhood caries.

Dr. Marcus Rhodes, an alumnus of UW SOD and a general dentist, shares his experience regarding treatment with dental implants.
-Taking Radiographs-

Session 3

Scholar, Angelina, taking a radiograph of the skull.
Olivia Kraft, a second year dental student, and Eric Sun, a first year dental student, explaining the functions of the temporal mandibular joint (TMJ) to Scholars.

James Lovelace, an incoming RIDE dental student and a mentor, gives an insightful look into the anatomical features of the human skull to Scholar, Ashley.
Dr. Kendra Farmer, a pediatric dentist, educates guest Scholars from Healers of Tomorrow about the skull anatomy.

Dr. Micah Nicholson and Anneka Vo, a first year dental student, share advise and insight into pursuing careers in the health profession to Dental Academy alumni, Nikita and Rahel.
Faculty member, Dr. Ashland Doomes, and resident Dr. Keturah Lowe, of Dental Education in the Care of persons with Disabilities, share their experiences and journeys into dentistry.

Dr. Doomes leads an autism case study discussion about interdisciplinary healthcare.
Scholar, Amy, and Dental Academy alumni, Nikita, Ekua, Emiliano, and Rahel present their discussion on the role of a Speech Pathologist in providing care for autistic patients with assistance from Dr. Lowe and 2nd year dental student Lauren Kopp.

Scholars, Karina, Christian, Suad, Jasmine, Naomi, and Mark present their discussion on the role of a Nutritionist in the provision of care for autistic patients.

Scholars, Sumayo, Ladan, Astan, Ubah, and Ashley present their discussion on the role of an Occupational Therapist in care for autistic patients with assistance from 2nd year dental student, Stephanie Clark.
Dr. Terry Maresca explains the health benefits of a traditional medicinal plant.

Dental Academy Scholars, Bethany and Alebachew, inspecting a sample tree sap scraped from a traditional medicinal plant.
Dental Academy Scholars attentively listen as Dr. Maresca shares her knowledge of traditional medicinal plants.

Group photo—A little rain didn’t stop us!
Pathway to Medical and Dental Careers
by Dr. Deen, Dr. Acevedo, and Dr. Pizano

Dr. Pizano shares his inspiring story about his journey into medicine.

Dental Academy Scholars, Ashley and Angelina and other scholars, listen to inspiring stories of Dr. Deen, Dr. Pizano and Dr. Acevedo’s journey into medicine and dentistry.
Dr. Jason Deen leads the session on beef heart dissection.

Dr. Luis Acevedo guides Scholars, Lizbeth and Micheel, in suturing.
-Heart Anatomy Dissection and Suturing Clinic-

Session 6

Scholar, Sean, receives assistance from mentor Ben Brown, as he practices suturing.

Scholar, Miriam, receives assistance from Dr. Lowe as she practices suturing.

Incoming dental student Lindsey Montilleaux teaches suturing to scholar, Alebachew.
Scholars, Lizbeth and Micheel, discuss anatomical structures while dissecting through beef heart.

Scholar, Mark, strikes a smile while suturing on pig feet.
-Digital Stories-

1. Amy Suwanchote Glaucoma
2. Christian Castro Appendicitis
3. Angelina Fryberg Obesity
4. Sean Abdelrahman Dreams vs. Reality
5. Suad Farah Cavities
6. Mark Purganan Lung Disease
7. Miriam Contreras Dental Coverage
8. Chris Geiger Brain Cancer
9. Astan Jeyte Diabetes
10. Ashley Guerra Pediatrics is Prevention
11. Ubah Jeyte Lung Cancer
12. Sumayo Mohamed Somalia
13. Bethany Kassa How I Realized I Wanted to Be in the Medical Field
14. Samra Alabachew Granada in Ethiopia, Privilege in the US, and Why I Want to Be a Traveling Nurse in the Medical Field
15. Lizbeth Maldonado How I Figured Out What I Want to Pursue in Life
16. Rachel Robinson Ludwig’s Angina
17. Noami Messele Heart Disease
18. Micheel Nabor-Vazquez Why I Chose Healthcare

Our Dental Academy Scholars represent the following schools:
Asa Mercer International High School, Cascade High School, Chief Sealth International High School, Foster High School, Franklin High School, Glacier Peak High School, Oliver M. Hazen High School, Henry M. Jackson High School, Kent-Meridian High School, Kentridge High School, Kentwood High School, Liberty High School, Lindbergh High School, Manson High School, Marysville Middle School, Nathan Hale High School, Pasco Senior High School, Shorewood High School
Scholars, Mark, Sumayo and Ladan, in a small group session with Lindsey Mabbutt Montilleaux, a mentor and an incoming dental student.

Belle Chen, 1st year dental student, assists Scholars, Lizbeth and Micheel, in putting their digital story project together in the lab.

Scholar, Miriam, receives assistance from mentor, Farah Karim, and Enock (an AmeriCorps member) as she works on her digital story.

Scholar, Christian, receives assistance from mentor, Brandon Kanetani, as he works on his digital story.
Dr. Pollene Speed gives the keynote speech to encourage and inspire Dental Academy Scholars to pursue their dreams and career goals.

Mark, a Dental Academy Scholar, presents his digital story telling project on lung disease.
Scholar, Suad, receives her Certificate of Completion after presenting her digital story telling project from Director, Dr. Beatrice Gandara.

Scholar, Christian, receives his Certificate of Completion after presenting his digital story telling project.

“You will have profound experiences like this one, and you need to recognize them and learn as much as you can from them.”

-Dr. Pollene Speed
“I want you all to know how valuable YOU are. We really need you all in our profession. I need you all working next to me in my clinic or in other medical clinics.”

-Dr. Micah Nicholson
Abdelrahman, Sean  
Alebachew, Samra  
Castro, Christian  
Contreras, Miriam
-Dental Academy Scholars-

Farah, Suad

Fryberg, Angelina

Geiger, Chris

Guerra, Ashley
-Dental Academy Scholars-

Jeyte, Astan

Jeyte, Ubah

Kassa, Bethany

Maldonado, Lizbeth
-Dental Academy Scholars-

Messele, Naomi

Mohamed, Sumayo

Robinson, Rachel

Nabor-Vazquez, Micheel
-Dental Academy Scholars-

Purganan, Mark

Suwanchoke, Piyamas (Amy)
These dental student mentors consistently contributed to this program. They facilitated group activities, demonstrated dental techniques to the scholars, helped with group projects, and were resources of information for the students as they prepared their digital stories.
-Dental Academy Support Team

Beatrice Gandara, DDS, MSD - The Office of Educational Partnership and Diversity’s (OEPD) Program Director, Dr. Gandara graduated from the University of Southern California School of Dentistry. She completed a hospital residency at the Veteran’s Administration Hospital in La Jolla, California. Dr. Gandara later entered the Oral Medicine specialty program at the University of Washington School of Dentistry and joined the faculty of the Department of Oral Medicine in 1987. She teaches, provides care and facilitates dental students and faculty participating in community outreach.

Susan E. Coldwell, PhD - Dr. Coldwell is the Associate Dean for Student Life and Admissions at the University of Washington, School of Dentistry. She earned her Bachelors degree in Psychology from Duke University and received her doctorate in Psychology from the University of Pennsylvania. She also serves as an adjunct professor in pediatric dentistry, oral medicine, and psychology.

UW OEPD AmeriCorps program began in 2011. Through the efforts of previous and current AmeriCorps program coordinators, UW OEPD has developed sustainable programs that benefit the Washington community, in particular underserved, underrepresented & homeless populations. Three AmeriCorps program coordinators helped coordinate Dental Academy this year: Enock Adjei (left), Diana Flores, (center), Joffrey Inocencio (right).

Rafa Pizano,
UW Native Voice Program,
Digital Story Consultant

Evelyn Cruz
OEPD Staff

Theresa Bainbridge
OEPD Staff
-Our Contributing Doctors-

Luis Acevedo, DDS - Dr. Acevedo graduated from University of Washington with a Bachelor of Science degree in Molecular and Cellular Biology. While in high school, he participated in the UW UDOC program for aspiring health professionals. He also participated in the UW Summer Medical and Dental Education Program while in college. He was accepted to the dental program at the University of Washington School of Dentistry where he received a Doctor of Dental Surgery degree in 2014. He has been providing dental services for Sea Mar Community Health Center since 2014 and is currently the president of the Western Washington chapter of the Hispanic Dental Association.

Shaquita Bell, MD - Dr. Shaquita Bell, who is of Cherokee and African American heritage, completed medical school at the University of Minnesota in 2006. She then went on to pediatric residency at the University of Washington, which she completed in 2009. Dr. Bell is currently a pediatrician at Odessa Brown Community Health Center. Her greatest fulfillment is taking care of families and children by digging deeper into wider determinants of health.

Jason Deen, MD - Dr. Deen, a member of the Blackfeet tribe, earned his M.D. from the University of Minnesota Medical School. He completed a combined internal medicine and pediatrics internship at Georgetown University Medical Center, and pediatrics residency at the University of Minnesota. He then completed a general pediatric cardiology fellowship at Seattle Children's Hospital and an advanced fellowship in adult congenital heart disease at the University of Washington. He is currently a general pediatric cardiologist, a specialist in the care of adults with congenital heart diseases, and an assistant professor at Seattle Children’s.
-Our Contributing Doctors-

Ashland Doomes, DMD - Dr. Ashland Doomes is an Acting Assistant Professor in the UW Department of Oral Medicine. She completed her second year General Practice Residency program with an emphasis in special care dentistry, which provided a year-long training program in the care of patients with developmental disabilities. She is a full time faculty member with the Dental Education in the Care of Persons with Disabilities (DECOD) Program and works with students in community outreach.

Kendra Farmer, DDS - Dr. Kendra Farmer, a graduate of Seattle’s Franklin High School, earned her DDS from the University of Washington, and completed her post-doctoral education in Pediatric Dentistry from the University of California Los Angeles. She currently practices at Puget Sound Pediatric Dentistry in Marysville, where she provides quality care and education to children and their parents. Dr. Farmer is experienced in global health and volunteers her time encouraging minority youth to pursue dental careers.

Seok Bee Lim, DMD - Dr. Lim was born and raised in Malaysia. She attended Harvard School of Dental Medicine and has been at Odessa Brown Children's Clinic since 1981. Dr. Lim is a strong believer that education is key to maintaining good oral health for life. She is also faculty at the Department of Pediatric Dentistry at University of Washington.

Keturah Lowe, DDS - Dr. Lowe attended New York University for her undergraduate studies and attended University of Buffalo School of Dentistry. Dr. Keturah Lowe is a second-year general practice resident in the School of Dentistry’s Department of Oral and Maxillofacial Surgery, focusing on special care dentistry.
-Our Contributing Doctors-

**Douglass Jackson, DMD, MS, PhD** - Dr. Jackson earned his dental degree and training in anesthesiology at the University of Pittsburgh, his master’s degree in clinical research design and statistical analysis at the University of Michigan, and his doctoral degree in oral biology at the University of Minnesota. Dr. Jackson has served as the Director of the Center for Diversity and Health Equity at Seattle Children’s Hospital, and as the Associate Dean for Educational Partnerships and Diversity at the UW School of Dentistry. In addition to focusing on disparities in healthcare quality, he is also involved in work aimed at increasing the racial and ethnic diversity of the dental profession’s workforce.

**Terry Maresca, MD** - Dr. Maresca is of the Mohawk Tribe, Kahnawake Band. She graduated from Albert Einstein College of Medicine and is a family physician. She is also an active faculty member at the University of Washington School of Medicine, Department of Family Medicine. She has served as medical director for small rural hospitals as well as tribal health systems. Her training and clinical practice has blended both Native plant medicine with Western approaches to health.

**Pollene Speed McIntyre, MS, DDS** - Graduation keynote speaker, Dr. Speed holds a Bachelor of Science degree in biology/chemistry from South Carolina State University, as well as a Master of Science degree in Fish Pathology and a Doctor of Dental Surgery, both from the University of Washington. She is an author of many research articles. Currently, she is a faculty member in the Restorative Department at UW Dentistry while maintaining a private dental practice in South Seattle.
-Our Contributing Doctors-

**Micah Nicholson, DDS** - Dr. Micah Nicholson graduated in 2008 from Vanderbilt University. He earned his DDS from the University of Washington, School of Dentistry in 2013. He is currently a general dentist at the NeighborCare Rainier Beach Clinic in South Seattle. Dr. Nicholson is also an affiliate faculty member in the Department of Oral Medicine at the UW and volunteers his time overseeing dental students providing dental care to homeless and low income individuals in King and Skagit counties.

**Caesar Pizano, MD** - Dr. Pizano, who is originally from Southern California, graduated from the UW School of Medicine. He is a board certified family medicine physician who provides urgent care services at multiple UW Neighborhood Clinic locations. He values the partnership between patient and doctor as it is key to identifying and addressing the underlying health issues and developing a treatment plan with preventative care in mind.

**Marcus Rhodes, DDS** - Dr. Rhodes attended Seattle’s Franklin High School, completed his DDS at the University of Washington, and continued his dental education in the Advanced Education in General Dentistry program in Spokane, WA. He is an alumnus of the Summer Medical and Dental Education Program, SMDEP, now known as SHPEP. Currently, Dr. Rhodes is in private practice and volunteers with UW OEPD by mentoring high school and undergraduate students who are pursuing a dental career.
“The challenge is to develop functional and reliable means by which equitable access to oral health care can be achieved for all, dissipating health disparities. Doing this won’t require a lot of sacrifice on the part of any single individual. However, if everyone did at least a small part to ameliorate these problems, their magnitude could be reduced.”

A BIG thank you to:

Our donors
Faculty volunteers and community presenters
Dental student volunteers
Pre-dental student volunteers
As an undergraduate, the **Summer Health Professions Education Program (SHPEP)**, formerly known as the Summer Medical and Dental Education Program (SMDEP), is a great opportunity to further continue your pathway to a profession in healthcare. This is a free summer enrichment program focused on improving access to information and resources for college students interested in the health professions. SHPEP works to strengthen the academic proficiency and career development of students of communities underrepresented in the health professions and prepares them for a successful application and matriculation to health profession schools.

For more information, visit [www.shpep.org](http://www.shpep.org) or contact:

**UW School of Dentistry OEPD**

Dr. Beatrice Gandara: bgandara@uw.edu or 206-616-6010

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**UW Dental Academy developed and maintained by:**

University of Washington School of Dentistry
Office of Educational Partnerships and Diversity

**Dr. Beatrice Gandara, Program Director**
**Evelyn Cruz, Program Coordinator**
**Theresa Bainbrige, Program Coordinator**
**Enock Adjei, AmeriCorps**
**Diana Flores, AmeriCorps**
**Joffrey Inocencio, AmeriCorps**

A special thank you to...
Our program donors for their contributions and support, through which this Dental Academy was made possible.