

SAN DIEGO STATE UNIVERSITY
Women in Engineering

WE STEM ROLE MODEL COLORING BOOK

Volume 1

In collaboration with:



TO THE GIRLS WITHIN AND BEYOND OUR SAN DIEGO COMMUNITY WHO ARE SEARCHING FOR A DIVERSE REPRESENTATION OF FEMALE ROLE MODELS...

When our SDSU Women in Engineering team (Director - Michelle Jordan Bunn and Assistant Director - Bianca Aviña) were brainstorming ways to encourage and inspire the next generation of women in engineering, our student intern, Nicole Hurtado-Savin, suggested we consider creating coloring pages that featured some amazing female leaders and trailblazers.

San Diego is bursting with local talent and strong leadership, that we decided to kickstart this project by featuring female STEM role models at SDSU's College of Engineering. We wanted to ensure that every component of this project demonstrated the amazing work women can do as leaders, as creative leaders, and philanthropists.

With the talents and guidance of Creative Director & Founder of her own business, Kristin Hardy, we were able to accomplish our mission to highlight the diversity amongst our SDSU WE faculty and staff in this Volume 1 coloring book so you can learn more about these amazing local leaders at SDSU and in our community.

We couldn't have accomplished this project without the support of local STEM supporters like Qualcomm, SDG&E, Motorola Solutions Foundation, and the San Diego STEM Ecosystem's Women in STEM working group and its STEM Role Model Initiative.

Please know that your community is here to support you and help you accomplish your goals to becoming a successful STEM leader!



Michelle Jordan Bunn, M.A.
Director, SDSU Women in
Engineering & Femineer® Programs
Adjunct Professor, Women in
Science & Engineering



Bianca Aviña, M.A.
Assistant Director, SDSU Women in
Engineering & Femineer® Programs
Adjunct Professor, Women in
Science & Engineering



Kristin Hardy
Creative Director + Owner,
Kristin Hardy Design



SAN DIEGO STATE UNIVERSITY
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Michelle Jordan Bunn, M.A.

WHO: Bioengineer, Adjunct Professor, & Mom

EDUCATION: San Diego State University
Bachelor's Degree in Bioengineering (2009)
& Master's Degree in Education with an
emphasis in Student Affairs (2013)

YEAR STARTED WORKING AT SDSU: 2009

FAVORITE COLOR: Pink

BEST ADVICE: Always do your best and you'll never
wonder if you should've done things differently.



Bianca Aviña

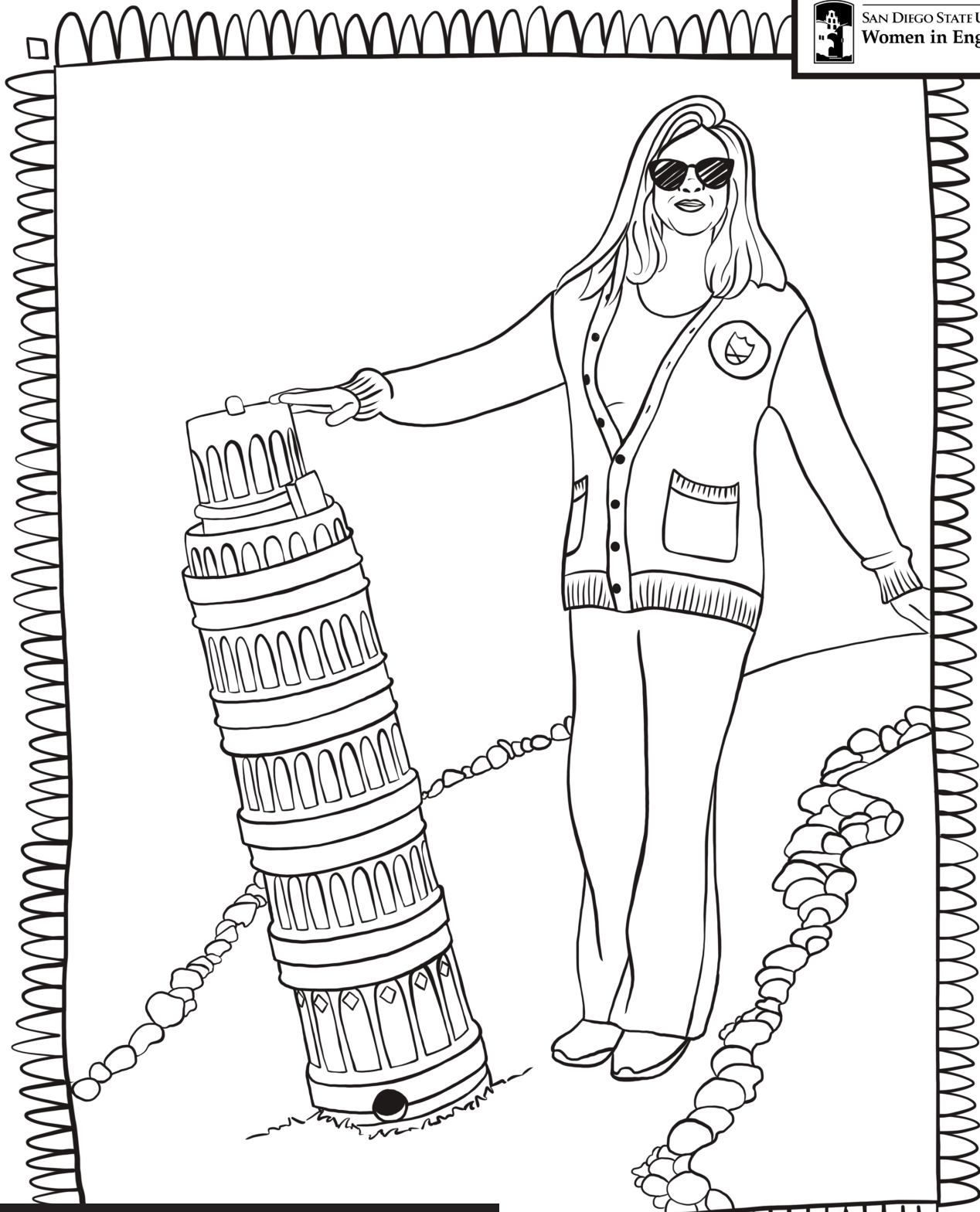
WHO: Educator, Adjunct Professor

EDUCATION: San Diego State University
2017 BA in Sociology & 2019 MA in Education
with an emphasis in Student Affairs

YEAR STARTED WORKING AT SDSU: 2013

FAVORITE COLOR: Yellow/Light pink

BEST ADVICE: At the end of the day, we can
endure much more than we think we can.



Dr. Karen May-Newman

WHO: Professor, SDSU Mechanical Engineering

EDUCATION:

UCSD PhD Bioengineering

UCSD MS Engineering Sciences

UCSD BS. Applied Mechanics

YEAR STARTED WORKING AT SDSU: 1998

FAVORITE COLOR: Green

BEST ADVICE: Persistence is more important than intellectual prowess.



Dr. Mahasweta Sarkar

WHO: Professor, SDSU Electrical and Computer Engineering

EDUCATION: University of California, San Diego - Ph.D.

YEAR STARTED WORKING AT SDSU: 2006

FAVORITE COLOR: Red/Pink

BEST ADVICE: Sky is the limit.



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Dr. Thais Alves

WHO: Associate Professor,
SDSU Construction Engineering

EDUCATION: UFRN BS Civil Engineering 1997, UFGRS
MSc Civil Engineering 2000, Ph.D. UC Berkeley Civil
Engineering 2005

YEAR STARTED WORKING AT SDSU: 2009

FAVORITE COLOR: Blue

BEST ADVICE: Keep your eye on the prize! Keep focused &
do not let anyone distract you from what you can achieve.



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Dr. Natalie Mladenov

WHO: Associate Professor,
SDSU Environmental Engineering

EDUCATION: BS Civil Engineering, BA Art,
MS Civil Engineering, PhD Civil Engineering

YEAR STARTED WORKING AT SDSU: 2014

FAVORITE COLOR: Black

BEST ADVICE: For your career, do what you are interested
in and love and NOT what others tell you to do.



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Dr. Alicia M. Kinoshita

WHO: Associate Professor,
SDSU Civil Engineering

EDUCATION: Civil Engineering,
UCLA B.S., M.S., and Ph.D.

YEAR STARTED WORKING AT SDSU: 2014

FAVORITE COLOR: Red

BEST ADVICE: Say "yes" to new opportunities.



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Dr. Sahar Ghanipoor Machiani

WHO: Associate Professor, SDSU Civil Engineering

EDUCATION: PhD: Virginia Tech (Civil Engineering),
MS: Sharif University of Technology (Civil Engineering),
BS: Iran University of Science and Technology
(Civil Engineering)

YEAR STARTED WORKING AT SDSU: 2015

FAVORITE COLOR: Purple

BEST ADVICE: Embrace new responsibilities and don't
be afraid to fail.



Dr. Christy Dykstra

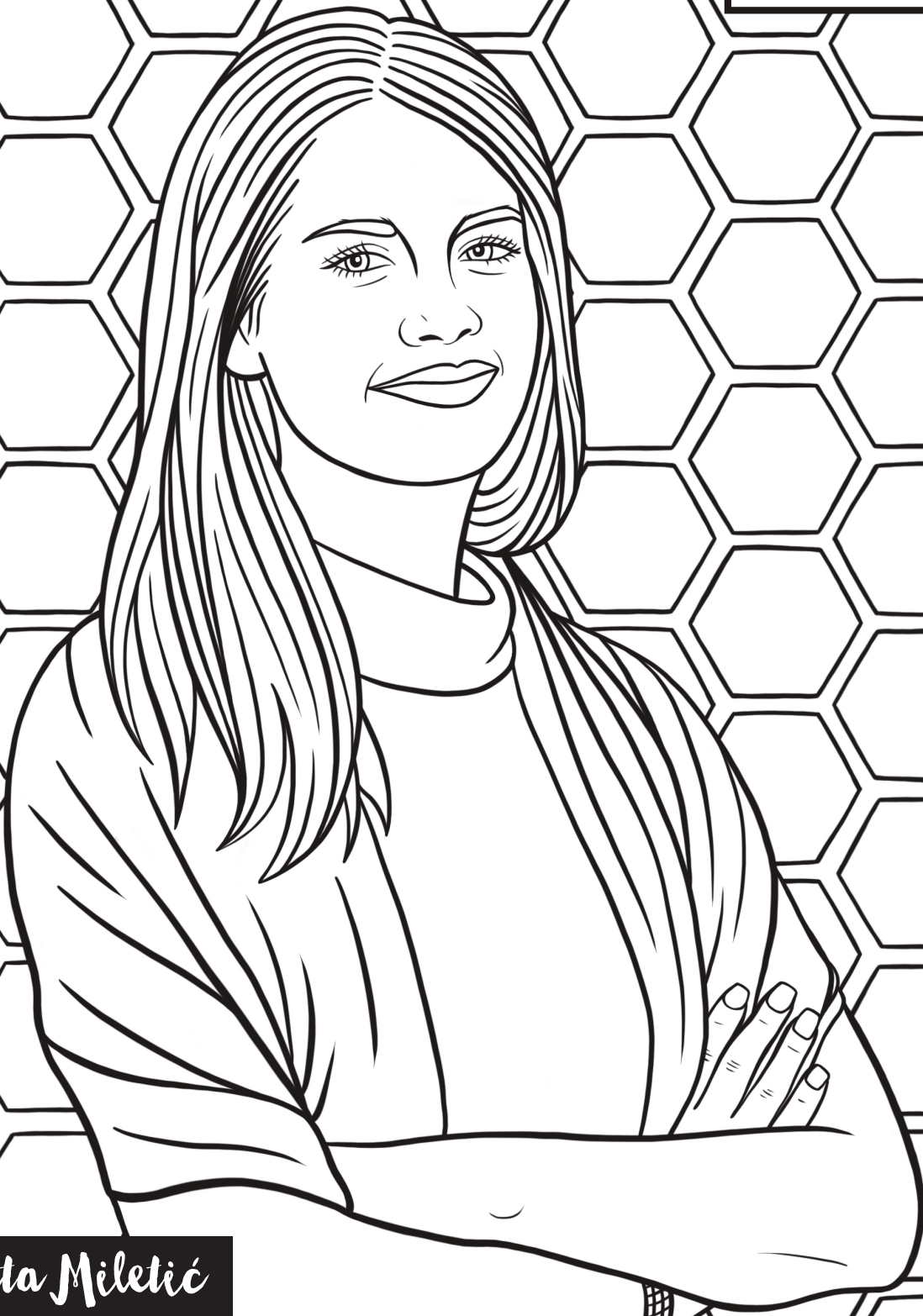
WHO: Assistant Professor,
SDSU Environmental Engineering

EDUCATION: Georgia Institute of Technology (Ph.D.),
Georgia Institute of Technology (M.S.EnvE), University
of Central Florida (B.S.EnvE)

YEAR STARTED WORKING AT SDSU: 2018

FAVORITE COLOR: Purple

BEST ADVICE: Cultivating good communication skills
(e.g., writing, speaking) can make you stand out.



Dr. Marta Miletić

WHO: Assistant Professor, SDSU Civil Engineering

EDUCATION: Ph.D. Kansas State University, USA (Civil Engineering-Geotechnical Engineering); M.S. University of Zagreb, Croatia (Civil Engineering-Geotechnical Engineering); B.S. University of Zagreb, Croatia (Civil Engineering)

YEAR STARTED WORKING AT SDSU: 2019

FAVORITE COLOR: All of them - the more the merrier :)

BEST ADVICE: Never let anybody tell you you can't do it. Be passionate, driven, and most importantly, brave.



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Dr. Junfei Xie

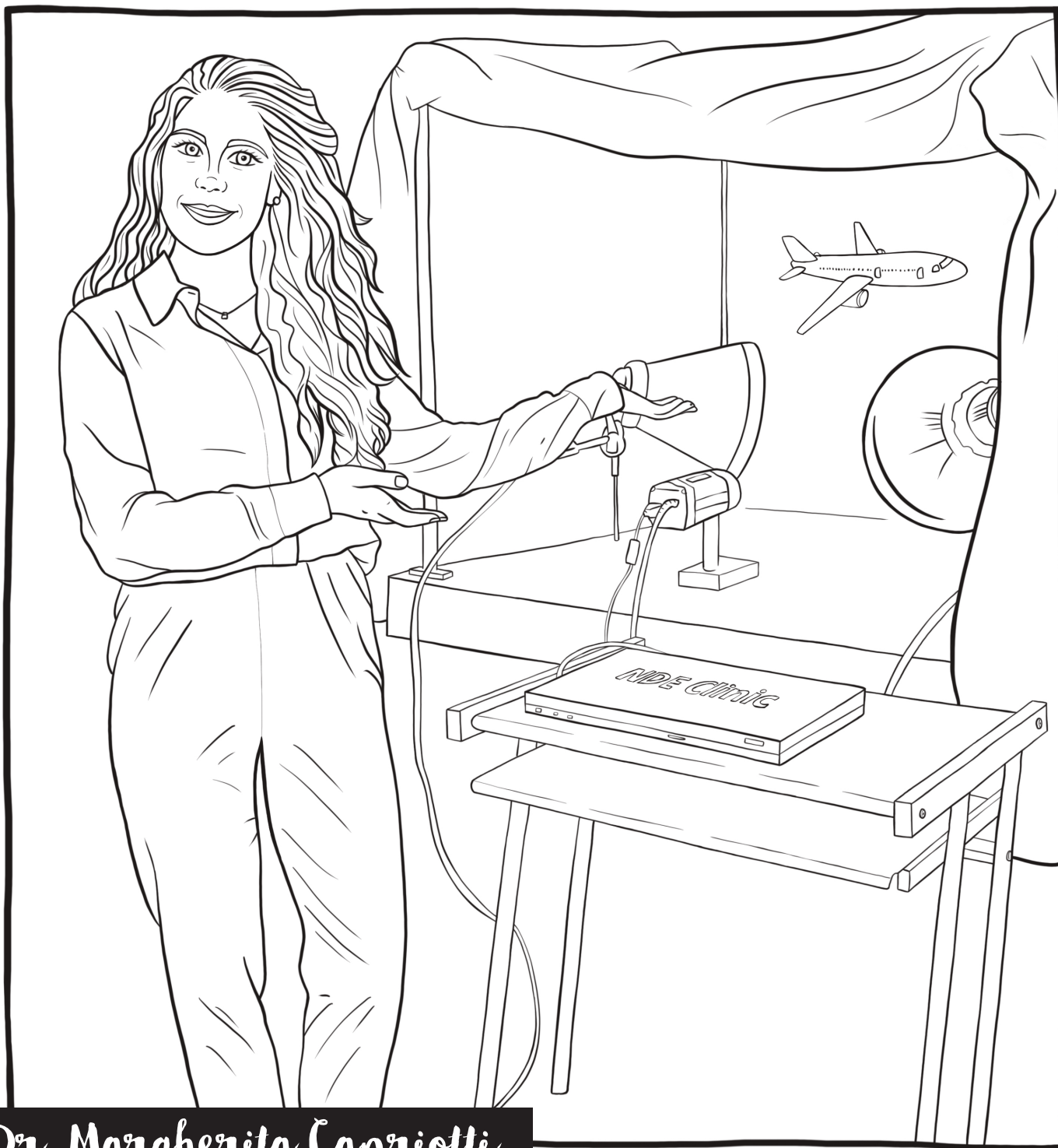
WHO: Assistant Professor,
SDSU Electrical and Computer Engineering

EDUCATION: University of North Texas
MS in Electrical Engineering
Ph.D. in Computer Science and Engineering

YEAR STARTED WORKING AT SDSU: 2019

FAVORITE COLOR: White

BEST ADVICE: Success and opportunity are only
given to those people who are well-prepared!



Dr. Margherita Capriotti

WHO: Assistant Professor, SDSU Aerospace Engineering

EDUCATION: Ph.D. Structural Engineering, University of California San Diego; MS & BS Mechanical Engineering, University of Parma (Italy)

YEAR STARTED WORKING AT SDSU: 2020

FAVORITE COLOR: Orange

BEST ADVICE: Remember to keep with you imagination, thinking & doubts, while understanding and applying science.



Dr. Elisa Torresani

WHO: Assistant Professor,
SDSU Mechanical Engineering

EDUCATION: University of Trento (Italy),
B.S., M.S and Ph.D.

YEAR STARTED WORKING AT SDSU: 2020

FAVORITE COLOR: Blue

BEST ADVICE: Always double check your results.



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Dr. Zahra Nili Ahmadabadi

WHO: Assistant Professor,
SDSU Mechanical Engineering

EDUCATION: Ph.D. in Mechanical Engineering, Université du Québec (École de technologie supérieure); M.Sc. in Mechanical Engineering, Tarbiat Modares University; B.Sc. in Mechanical Engineering, University of Tehran

YEAR STARTED WORKING AT SDSU: 2020

FAVORITE COLOR: Red / Blue

BEST ADVICE: Be always ready for change and never stop learning new skills to be able to adapt to rapidly changing job market.

**“THE FUTURE BELONGS
TO THOSE WHO BELIEVE
IN THE BEAUTY
OF THEIR DREAMS.”**

- Eleanor Roosevelt



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www.engineering.sdsu.edu/explore/femineer_program.aspx
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#STEMRoleModel