

2019 TWD Program Directors' Meeting
Bethesda North Marriott Hotel & Conference Center; Rockville, Maryland
July 30 - August 2, 2019 • Program-at-a-Glance

Tuesday, July 30, 2019

1:00P – 7:00P	TWD2019PDM Management Desk Open/Registration Check-in	Grand Ballroom Foyer-Alcove C
3:00P – 4:30P	<i>Posters Installation</i>	Grand Ballroom Foyer
4:55P – 5:00P	Welcome to TWD Innovations, Poster Highlights <i>Speaker: Edgardo Falcon-Morales, Ph.D.</i>	Grand Ballroom Foyer
5:00P – 5:30P	Bethesda North Marriott-Sponsored Beverage Break	Grand Ballroom Foyer
5:00P – 7:00P	TWD Poster Session A & Networking	Grand Ballroom Foyer/ Salon A
7:00P – until	“DMV Dining” – Dinner on Your Own	<i>Bethesda, Rockville, DMV</i>

Wednesday, July 31, 2019

6:00A – 8:00A	“DMV Dining” - Breakfast on Your Own	<i>Bethesda, Rockville, DMV</i>
7:30A – 6:00P	TWD2019PDM Management Desk Open/Registration Check-in	Grand Ballroom Foyer-Alcove C
8:00A – 8:30A	Welcome <i>Speaker: Alison Gammie, Ph.D.</i>	Salon D&E
8:30A – 9:30A	“Message from The Director” <i>Speaker: Jon Lorsch, Ph.D.</i>	Salon D&E
9:30A – 11:30A	Concurrent Session: Make Your Program Evaluation SMART by Aligning Objectives and Measures of Success <i>Speaker: Nancy Moreno, Ph.D.</i>	Salon B&C
	Concurrent Session: Better Outcomes & Greater Efficiency: Evaluation and Assessment in T32 Programs <i>Speaker: Bennett Goldberg, Ph.D.</i>	Salon G&H
11:30A – 12:00P	Bethesda North Marriott-Sponsored Beverage Break; Poster installation	Grand Ballroom Foyer
11:30A – 1:00P	“DMV Dining” - Lunch on Your Own	<i>Bethesda, Rockville, DMV</i>
1:00P – 2:30P	Concurrent Panel: Employing Evidence-based Practices for Training, Mentoring and Disseminating Outcomes <i>Speakers: Elizabeth Watkins, Ph.D., Erin Dolan, Ph.D., Christine Pfund, Ph.D.</i>	Salon B&C
	Concurrent Panel: Focusing on Technical, Operational, and Professional Skills Development <i>Speakers: Giovanna Guerrero-Medina, Ph.D., Sarah Goodwin, Ph.D., Angela DePace, Ph.D.</i>	Salon G&H
2:30P – 3:45P	Concurrent Panel: Developing Holistic Approaches to Admissions <i>Speakers: Joshua Hall, Ph.D., Roger Chalkley, D.Phil., Marena Wilson-Pham, Ph.D.</i>	Salon B&C
	Concurrent Panel: Implementing Curricular Changes <i>Speakers: Susan Strome, Ph.D., Melanie M. Cooper, Ph.D.</i>	Salon G&H
3:45P – 4:15P	Bethesda North Marriott-Sponsored Beverage Break	Grand Ballroom Foyer
4:15P – 5:30P	Big Picture, Innovative Thoughts in Training <i>Speaker: Christine Ortiz, Ph.D.</i>	Salon D&E
5:30P – 7:00P	TWD Poster Session B & Networking	Grand Ballroom Foyer/Salon A
7:00P – Until...	“DMV Dining” - Dinner on Your Own	<i>Bethesda, Rockville, DMV</i>

Thursday, August 1, 2019

6:00A – 8:00A	“DMV Dining” - Breakfast on Your Own	<i>Bethesda, Rockville, DMV</i>
7:30A – 6:30P	TWD2019PDM Management Desk Open	Grand Ballroom Foyer-Alcove C
8:00A – 9:30A	TWDPDO: MARC U-STAR , <i>Session Leaders: E. Gavosto, Ph.D., C. Atkins, Ph.D.</i>	Great Falls
	TWDPDO: IMSD , <i>Session Leaders: B. Komisaruk, Ph.D., R. Chalkley, D. Phil</i>	Salon B
	TWDPDO: RISE , <i>Session Leader: V. Potluri, Ph.D.</i>	Salon C
	TWDPDO: IPERT/MARC T36 , <i>Session Leader: TBD</i>	Salon F
	TWDPDO: T32 , <i>Session Leader: A. Berrebi, Ph.D.</i>	Salon G&H
	TWDPDO: Bridges BS & PhD , <i>Session Leader: E. Alexander, Ph.D.</i>	Oakley
	TWDPDO: PREP , <i>Session Leaders: J. Hall, Ph.D., J. Lloyd, Ph.D.</i>	Linden Oak
	TWDPDO: IRACDA , <i>Session Leader: D. Sept, Ph.D.</i>	Timberlawn
9:30A – 9:45A	Bethesda North Marriott-Sponsored Beverage Break	Grand Ballroom Foyer
9:45A – 9:50A	Welcome Day 2	Salon D&E
9:50A – 11:00A	Panel: Emphasizing Diversity and Inclusion as Essential Aspects of Training Excellence <i>Speakers: JoAnn Trejo, Ph.D., M.B.A., Carlos Crespo, Dr.P.H., M.S., FACSM, Sherilynn Black, Ph.D.</i>	Salon D&E
11:00A – 12:00P	Concurrent Panel: Leading Institutional Change - Becoming Change Agents <i>Speakers: Lourdes Echegoyen, Ph.D., Andrew Campbell, Ph.D., Joey Barnett, Ph.D.</i>	Salon B&C
	Concurrent Panel: Building a Strong Mentoring Environment <i>Speakers: M. Graca H. Vicente, Ph.D., Rick McGee, Ph.D., Tiera S. Coston, J.D., Ph.D.</i>	Salon G&H
12:00P – 1:15P	Poster installation	Grand Ballroom Foyer/ Salon A
12:00P – 1:15P	“DMV Dining” - Lunch on Your Own	<i>Bethesda, Rockville, DMV</i>
1:15P – 2:15P	Concurrent Panel: Teaching Rigor, Transparency and Responsible Conduct of Research <i>Speakers: Rajini Rao, Ph.D., Gabriela Chavira, Ph.D., Isabel Lauren Jackson, Ph.D.</i>	Salon B&C
	Concurrent Panel: Sustaining Diversity Enhancement Programs <i>Speakers: Dolores Bradley Brennan, Ph.D., Linda Tunstad, Ph.D.</i>	Salon G&H
2:15P – 3:30P	Panel: Equitable, Inclusive and Safe Environments <i>Speakers: Kim McCall, Ph.D., Jason Sheltzer, Ph.D., Carol B. Muller, Ph.D.</i>	Salon D&E
3:30P – 3:45P	Bethesda North Marriott-Sponsored Beverage Break	Grand Ballroom Foyer
3:45P – 4:45P	NIH Policy on Sexual Harassment <i>Speaker: Carrie D. Wolinetz, Ph.D.</i>	Salon D&E
4:45P – 5:45P	Enhancing Laboratory Safety and the Principles of Safe Research <i>Speaker: Craig Merlic, Ph.D.</i>	Salon D&E
5:45P – 7:15P	TWD Poster Session C & Networking	Grand Ballroom Foyer
7:15P – Until....	“DMV Dining” - Dinner on Your Own	<i>Bethesda, Rockville, DMV</i>

Friday, August 2, 2019

6:00A – 7:30A	“DMV Dining” - Breakfast on Your Own	<i>Bethesda, Rockville, DMV</i>
7:00A – 1:00P	TWD Attendees’ Luggage Storage	Salon A
7:30A – 8:30A	TWD Program Directors’ Organization (TWDPDO) Meeting <i>Speaker: Henry Wortis, M.D.</i>	Salon D&E
8:30A – 8:45A	Welcome Day 3	Salon D&E
8:45A – 9:00A	Bethesda North Marriott-Sponsored Beverage Break	Grand Ballroom Foyer
9:00A – 10:00A	Concurrent Panel: Preparing Trainees for a Broad Range of Careers <i>Speakers: Cynthia Fuhrmann, Ph.D., Ann Stock, Ph.D., Robert Kelly, Ph.D.</i>	Salon D&E
	Concurrent Session: Encouraging Partnerships to Advance Data Science Training <i>Speaker: King Jordan, Ph.D.</i>	Salon B&C
10:00A – 11:00A	Student Wellness and Resilience <i>Speaker: Sharon Milgram, Ph.D.</i>	Salon D&E
11:00A – 11:30A	Current Topics from the Division of Biomedical Research Workforce <i>Speaker: P. Kay Lund, Ph.D.</i>	Salon D&E
11:30A – 12:30P	Open Mic: TWD Listens/Feedback Session (TWD Staff Panel)	Salon D&E
12:30P – 12:45P	Meeting Recap and Adjourn <i>Speaker: Alison Gammie, Ph.D.</i>	Salon D&E
12:45P – 1:00P	Program Staff Available	Salon B&C

2019 TWD Program Directors’ Meeting is funded in part by awards from the National Institute of General Medical Sciences of the National Institutes of Health.
[T36GM008637 and U13GM133156]

ABSTRACTS – POSTER SESSION A

TWD Program	Abstract/Poster Title	Author's Last Name	Poster Board #
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BUILD	Research Shadowing: High Impact, Low Cost Introduction to Research	Morgan	3
BUILD	Inculcating a Culture of Research Entrepreneurship: Lessons Learned from the ASCEND Student Research Center	Sheikhhattari	4
BUILD	The First Five Years: BUILD Training Program at UMBC	LaCourse	5
NRMN	Programs and Outcomes from the First Five Years of the National Research Mentoring Network	Pfund	6
IPERT	Enhancing Research Training through Empowerment, Resilience, and Civic Engagement	Godreau	8
IPERT	SCOARE Project	Cameron	9
IPERT	The Impact of a Multi-Institutional Collaboration that Provides Mentorship at the Critical Transitions	Ghee	11
IPERT	Enabling NextGen Advanced Biomedical Leadership (ENABL) via Immersive Training Experiences at Cold Spring Harbor Laboratory	Lambert	13
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T32 Predoctoral	Management Matters for Scientists	Muindi	24
T32 Predoctoral	Evaluation of PhD Student Training in the Biological and Biomedical Sciences	Claydon	27
T32 Predoctoral	Skills Development for Diverse Scientific Careers B&BS 550b	Baserga	33
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T32 Supplement	Professional Preparedness in Biotechnology	Stock	40
T32 Supplement	Developing Professional and Technical Skills for Diverse Career Paths in Biomolecular Pharmacology	Singh	41
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T32 Supplement	A Pilot Program to Assess Burnout and Enhance Resilience and Grit in MSTP Students	Kirby	48
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MARC U*STAR	Facilitating the Development of Science Communication Skills in a Group of MARC U*STAR Trainees	Jonas	60
MARC U*STAR	Recruitment of High-Achieving Native American Students to an NIH-MARC U-STAR Program	Fenster	62
MARC T36	FASEB Postdoctoral Preparation Institute: Preparing Trainees for a Broad Range of Career Options and Transitions	Rosa-Molinar	63
PREP	Facilitating PREP Post-Baccalaureate and IMSD Pre-doctoral Near-Peer Student Interactions: Lessons Learned	Kasman	68
Bridges BS	Student Success Driven by a Summer Enrichment Program for the Pathways to Advanced Degrees in the Life Sciences	Clarke	69
Bridges PhD	Group Mentoring at a Distance: Videoconferencing to Promote Deaf Scholar Resilience, Persistence, Retention, and Success	Hauser	77
IMSD	Training Effective Undergraduate Peer Mentors: An Intervention to Increase Student Success Among UR STEM Mentees While Providing Significant Benefits to Mentors	Booton	79
IMSD	Facilitating PREP Post-Baccalaureate and IMSD Pre-doctoral Near-Peer Student Interactions: Lessons Learned	Wright	81
IMSD	Peer Mentor Training for Mentoring PREP and IMSD Trainees	Pereira	82
IMSD	Creating and Implementing a Communication Plan for the NIH/NIGMS/TWDD Research Training Programs at Virginia Commonwealth University (VCU)	Lloyd	83
RISE	Promoting Team Building, Collaboration and Communication Skills in Graduate Students through Interactive Retreats	Appleyard	87

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IPERT	Building the Postdoc Academy: A Digital Professional Development Program for Postdocs	Chobot Hokanson	10
IPERT	IMPACT Program: Building the Capacity of Biomedical Trainees to Explore and Enhance the Impact of Their Research	Gray	12
IPERT	Breaking the Bias Cycle for Future Scientists: A Workshop to Learn, Experience, and Change	Pribbenow	14
IPERT	I-Trep Program: Fostering Entrepreneurship in Biomedical Research	Thornton	15
IPERT	ToxMSDT: An Innovative Toxicology Research Education Pipeline Program Introducing Underrepresented Undergraduate Students to the Field of Toxicology	Rumbeiha	16
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MARC U*STAR	Winston Salem State University's Maximizing Access to Research Careers Undergraduate Student Training in Academic Research (MARC U*STAR) Program	Flowers	61
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Bridges BS	Enhancing the Student Research Experience at Queensborough Community College	Schneider	73

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Bridges PhD	Fresno State and UC Merced Bridges to the Doctorate Program	Krishnan	75
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IMSD	Custom Database Solutions for Educational Programs to Encompass Marketing, Management, and Collaboration	De Leon	84
IMSD	Regional Partnership Among Training Programs Benefit Trainee Networking and Program Success	Golding	85
RISE	Science Exploration Workshop to Identify Budding Scientists Amongst Freshman and Sophomores for Recruitment to NIH RISE BS-to-PhD Program	Momand	89
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IMSD	Maximizing Program Synergy and Sustainability: A Model for Program Administration at a Large Urban Research-Intensive Institution	Golding	86
RISE	Low- and No-Cost Ancillary Training programs that Leverage RISE/MARC Infrastructure and Training Culture to Broaden Access to Research	Barea-Rodriguez	88
RISE	Creating an Environment that Nurtures Peer and Faculty-Mentor Support	Adler-Moore	90
RISE	The Programming, Success and Challenges of the NIGMS Research Initiative for Scientific Enhancement at the CUNY-Medgar Evers College	Patwary	93
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