

2019 TWD Program Directors' Meeting Abstracts/Posters Presentation Schedule for TWD Program-Related Posters

POSTER SESSION A: Tuesday, July 30, 5:00P - 7:00P

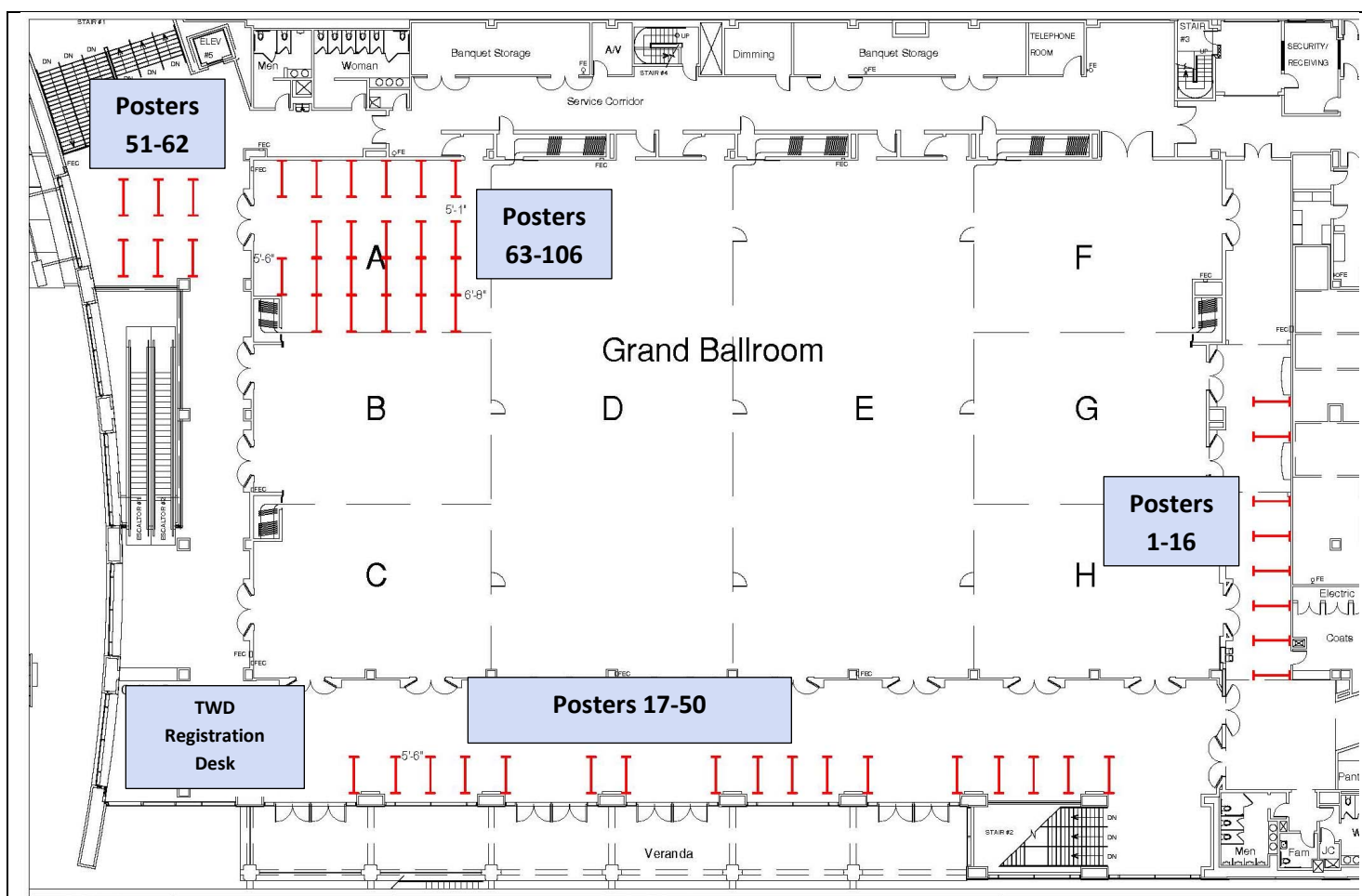
POSTER SESSION B: Wednesday, July 31, 5:30P – 7:00P

POSTER SESSION C: Thursday, August 1, 5:45P – 7:15P

NOTE: All poster presenters may install their posters on their assigned poster board beginning on Tuesday, July 30th at 3:00 p.m. You may leave your posters on the boards throughout the TWD 2019 meeting and the last poster session scheduled on Thursday evening, August 1st.

Posters must be removed from the poster boards following the end of Poster Session C on Thursday evening, August 1st. The poster boards will be removed from the Grand Ballroom Foyer and Salon A on Friday morning, August 2nd.

Posters/Poster Boards Location Map



TWD Program	Poster # / Board Location	TWD Program	Poster # / Board Location
BUILD	1-5 [Grand Ballroom Foyer]	MARC U*STAR	57-62 [Salon A]
NRMN	6-7 [Grand Ballroom Foyer]	PREP	64-68 [Salon A]
IPERT	8-18 [Grand Ballroom Foyer]	Bridges BS	69-74 [Salon A]
T32 Predoctoral	19-35 [Grand Ballroom Foyer]	Bridges PhD	75-77 [Salon A]
T32 Supplements	36-55 [Grand Ballroom Foyer] 96-102 [Salon A]	IMSD	78-86 [Salon A]
IRACDA	56 [Grand Ballroom Foyer]	RISE	87-95 [Salon A]

ABSTRACTS – POSTER SESSION A

TWD Program	Abstract/Poster Title	Author's Last Name	Poster Board #
BUILD	Enhancing Capacity to Address Health Disparities: the ASCEND Community-Based Participatory Research (CBPR) Small Grants Initiative	Silver	2
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
T32 Predoctoral	ADVANCE: A Transition Program to Graduate School	Ricci	20
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
T32 Supplement	Critical Communication Skills for PhD Trainees	Stayart	36
T32 Supplement	Professional Preparedness in Biotechnology	Stock	40
T32 Supplement	Developing Professional and Technical Skills for Diverse Career Paths in Biomolecular Pharmacology	Singh	41
T32 Supplement	The Development of a New Course Titled: Rigorous and Reproducible Design and Data Analysis	Parvin	44
T32 Supplement	A Pilot Program to Assess Burnout and Enhance Resilience and Grit in MSTP Students	Kirby	48
T32 Supplement	A Comprehensive Approach to Graduate Training with Integration of Professional Coaching	Wendell	54
T32 Supplement	SB220 - Quantitative Measurement and Analysis	Dubreuil	98
MARC U*STAR	Doubled Rate of Participation in Mentored Undergraduate Research by Students Who Completed an Alternative, Cross-Disciplinary Freshman Laboratory Course	Julian	58
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
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 BS	Northern Arizona University Bridging Arizona Native American Students to Bachelor's Degrees	Ingram	70
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, PREP, IRACDA	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

ABSTRACTS – POSTER SESSION B

TWD Program	Abstract/Poster Title	Author's Last Name	Poster Board #
BUILD	After-EXITO: Community-Based Participatory Research to Improve Alumni Transition from an Intensive Undergraduate Research Program	Crespo	1
NRMN	NRMN-Resource Center: A National Resource for Mentorship, Networking and Professional Development	Vishwanatha	7
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
T32 Predoctoral	Increasing Graduate Program Diversity and Enhancing the Student Experience	Audhya	19
T32 Predoctoral	The Program in Enhanced Research Training at OHSU	Maslen	22
T32 Predoctoral	Laboratory Modules to Enhance Biotechnology and Chemistry Biology Interface Training Programs	Strieter	23
T32 Predoctoral	Rigor and Transparency in Graduate Education: Collaboration with the Center for Open Science	Laurie	25
T32 Predoctoral	A Wellness Initiative to Improve Mental Health and Well-being Among Graduate Students	Welch	28
T32 Predoctoral	Gamification Improves Retention of Medical Knowledge for MD-PhD Students During Their PhD Research Years	Seay	29
T32 Predoctoral	NIGMS Training Program in Biomolecular Science and Engineering at Rensselaer Polytechnic Institute (RPI) in Collaboration with the University of Albany	Weaver	30
T32 Predoctoral	A Novel Clinical Skills Program for MD/PhD Candidates	Kedes	31
T32 Predoctoral	Transdisciplinary Predoctoral Training at the Interface of Chemistry and Biology	Judge	32
T32 Predoctoral	Introducing Early-Stage Trainees to Collaborative and International Science	Tullius	34
T32 Predoctoral	A Continuing Clinical Education Course to Maintain Clinical Competencies and Foster New Clinical Knowledge During the Graduate School Years of MD/PhD Training	Geisler	35
T32 Supplement	Hypothesis, Design and Biostatistics	Meredith	37
T32 Supplement	Biomedical Career Development Forum for Pre-doctoral Students at Northwestern University	Radhakrishnan	43
T32 Supplement	Science Communication Credential (SCC) to Enhance PhD Student Communication Skills	Hutchins	45
T32 Supplement	Development and Impact of a Practical Statistics Course Tailored to Graduate Biomedical Scientists	Iñiguez-Lluhí	47
T32 Supplement	Leading and Managing Projects and People	Gould	49
T32 Supplement	Career Exploration and Skills Development	Myat	52
T32 Supplement	Enhanced Career Planning in Molecular, Cell and Development Biology	Strome	55
T32 Supplement	A Laboratory Course in Biophysical Analyses of Protein Therapeutics	Sumida	96
T32 Supplement	A New Hands-on Paradigm for Teaching Experimental and Analytical Methods in Biomedical Sciences	Lecomte	97
T32 Supplement	Computational and Professional Skills for Biomedical Trainees in Therapeutic Sciences	Dubreuil	99
IRACDA	Creating Institutional Culture Change to Better Support Deaf Scientists	Elliott	56
MARC U*STAR	Advanced CURE: CURE-based Course Initiated by Students' Research Questions	Lee	59
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

TWD Program	Abstract/Poster Title	Author's Last Name	Poster Board #
PREP, IMSD	Seminar Speakers as a Resource for Helping Trainees Succeed in Their Efforts to Become Scientists	Smith, E.	64
PREP	Creating New Graduate Level Courses for the Postbaccalaureate Research Education Program Scholars	Harrison-Bernard	67
Bridges BS	Bridges to the Baccalaureate at Purchase College	Skrivanek	71
Bridges BS	Enhancing the Student Research Experience at Queensborough Community College	Schneider	73
Bridges BS	Keeping Our Bridges Program Vibrant for 26 Years by Linking Strategies & Best Practices	Crews	74
IMSD	Increasing PhD Programs Diversity: From Single Program Change to Institutional Transformation	Campbell	78
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
RISE	Master's Program Thesis Proposals in the Sciences: Meeting Students Where They Are	Foster	91
RISE	Backwards Design of a New RISE Program	McCarthy Hintz	92
RISE	Assessing the Impacts of RISE Program Involvement Using a Novel Peer Comparison Group	Smith, R.	94

ABSTRACTS – POSTER SESSION C

TWD Program	Abstract/Poster Title	Author's Last Name	Poster Board #
IPERT	IMERS: Interactive Mentoring to Enhance Research Skills Grant-Writing Workshop for Faculty at Institutions with Significant Enrollment of Underrepresented Minorities	Spear	17
IPERT	Hands-On Training Module in Rigor and Reproducibility: Promoting Credible Science	Rosa-Molinar	18
T32 Predoctoral	Development of Curricular Activities in Rigor and Transparency to Enhance Reproducibility	Smith, B.	21
T32 Predoctoral	Development of a New Clinical Translational Research Certificate of Added Qualification (CTR-CAQ) Training Program at Baylor College of Medicine	Smith, C.	26
T32 Supplement	A T32 Supplement to Drive Advanced Training in Biostatistics and Acquisition of Practical Skills in Using R for Biomedical Graduate Students	Corbett	38
T32 Supplement	Interdisciplinary Biostatistics Research Training for Molecular and Cellular Sciences: Enhancing Rigor and Reproducibility	Stock	39
T32 Supplement	Design and Implementation of a Course in Rigorous Experimental Design	Damon	42
T32 Supplement	Design and Dissemination of New Lab Safety Training and Awareness Modules	Smith, J.	46
T32 Supplement	Online Evidence-based Course Design to Expand Reach of Rigor and Reproducibility Curriculum	Oliver	50
T32 Supplement	Training in Rigor and Reproducibility: An Integrative Approach	Gerbi	51
T32 Supplement	Systems Pharmacology and Toxicology (SPaT) T32 Health Sciences Entrepreneurship Boot Camp	Mayeux	53
T32 Supplement	Developing Training to Enhance Rigor and Reproducibility	Sharma	100
T32 Supplement	Knowing Your Audience: Essential Communication Skills for Diverse Scientific Careers	Morris	101
T32 Supplement	Workshop in Rigor and Transparency to Enhance Reproducibility for Bioinformatics Graduate Students	Burmeister	102
MARC U*STAR	Sustainability of Best Practices: The Long-Term Impact of the MARC U*Star and RISE Programs at CSU Long Beach	Buonora	57
PREP	Sustaining Long Term Collaborations Between a Tribal College and a Research Institution	Gavosto	65
PREP	'Mini-thesis' Meetings Enhance PREP Scholar Training and Expand Faculty Involvement in PREP	Wilson	66
Bridges BS	VCU Bridges to the Baccalaureate: Easing Transitions from Partner Community Colleges to a Large Urban R-1 Institution	Kester	72
Bridges PhD	EmpowerRU Student Coaching Program	Runnels	76
IMSD	Addressing Touch Points within the Academic Pipeline: Ensuring Student Success through Pipeline Continuity	Bloom	80
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
RISE	Rochester Institute of Technology RISE Scientists-in-Training Program for Deaf and Hard of Hearing Undergraduates	Samar	95