

**NIGMS 2019 TWD Program Directors' Meeting: Abstracts/Posters (by Poster Board #)**

First Name	Last Name	Abstract Title	TWD Program	Presentation Day	Poster Board #	Grant Project #
Carlos	Crespo	After-EXITO: Community Based Participatory Research to Improve Alumni Transition from an Intensive Undergraduate Research Program	BUILD	Wed-7/31	1	UL1GM118964
Gillian	Silver	Enhancing Capacity to Address Health Disparities: the ASCEND Community-Based Participatory Research (CBPR) Small Grants Initiative	BUILD	Tue-7/30	2	RL5GM118972, UL1GM118973
Kathleen	Morgan	Research Shadowing: High Impact, Low Cost Introduction to Research	BUILD	Tue-7/30	3	TL4GM118968, UL1GM118967
Payam	Sheikhhattari	Inculcating a Culture of Research Entrepreneurship: Lessons Learned from the ASCEND Student Research Center	BUILD	Tue-7/30	4	RL5GM118972, TL4GM118974, UL1GM118973
William	LaCourse	The First Five Years: BUILD Training Program at UMBC	BUILD	Tue-7/30	5	TL4GM118989
Christine	Pfund	Programs and Outcomes from the First Five Years of the National Research Mentoring Network	NRMN	Tue-7/30	6	U54GM119023
J.K.	Vishwanatha	NRMN-Resource Center: A National Resource for Mentorship, Networking and Professional Development	NRMN	Wed-7/31	7	U24GM132217
Isar	Godreau	Enhancing Research Training through Empowerment, Resilience, and Civic Engagement	IPERT	Tue-7/30	8	R25GM121270
Carrie	Cameron	SCOARE Project	IPERT	Tue-7/30	9	R25GM125640
Sarah	Chobot Hokanson	Building the Postdoc Academy: A Digital Professional Development Program for Postdocs	IPERT	Wed-7/31	10	R25GM121257
Medeva	Ghee	The Impact of a Multi-Institutional Collaboration that Provides Mentorship at the Critical Transitions	IPERT	Tue-7/30	11	R25GM125707
Martha	Gray	IMPACT Program: Building the Capacity of Biomedical Trainees to Explore and Enhance the Impact of Their Research	IPERT	Wed-7/31	12	R25GM116705
Charla	Lambert	Enabling NextGen Advanced Biomedical Leadership (ENABL) via Immersive Training Experiences at Cold Spring Harbor Laboratory	IPERT	Tue-7/30	13	R25GM114022
Christine	Pribbenow	Breaking the Bias Cycle for Future Scientists: A Workshop to Learn, Experience, and Change	IPERT	Wed-7/31	14	R25GM114002
Tina	Thornton	I-Trep Program: Fostering Entrepreneurship in Biomedical Research	IPERT	Wed-7/31	15	R25GM116701
Wilson	Rumbeiha	ToxMSDT: An Innovative Toxicology Research Education Pipeline Program Introducing Underrepresented Undergraduate Students to the Field of Toxicology	IPERT	Wed-7/31	16	R25GM113989
Brett	Spear	IMERS: Interactive Mentoring to Enhance Research Skills Grant-Writing Workshop for Faculty at Institutions with Significant Enrollment of Underrepresented Minorities	IPERT	Thu-8/01	17	R25GM125680
Eduardo	Rosa-Molinar	Hands-on Training Module in Rigor and Reproducibility: Promoting Credible Science	IPERT	Thu-8/01	18	R25GM116706
Anjon	Audhya	Increasing Graduate Program Diversity and Enhancing the Student Experience	T32 Predoc	Wed-7/31	19	T32GM008688
Anthony	Ricci	ADVANCE: A Transition Program to Graduate School	T32 Predoc	Tue-7/30	20	T32MH020016 (JSPTPN)
Bret	Smith	Development of Curricular Activities in Rigor and Transparency to Enhance Reproducibility	T32 Predoc	Thu-8/01	21	T32GM118292
Cheryl	Maslen	The Program in Enhanced Research Training at OHSU	T32 Predoc	Wed-7/31	22	T32GM071338

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Eric	Strieter	Laboratory Modules to Enhance Biotechnology and Chemistry Biology Interface Training Programs	T32 Predoc	Wed-7/31	<b>23</b>	T32GM008515, T32GM108556
Fanuel	Muindi	Management Matters for Scientists	T32 Predoc	Tue-7/30	<b>24</b>	T32GM007598
Gordon	Laurie	Rigor and Transparency in Graduate Education: Collaboration with the Center for Open Science	T32 Predoc	Wed-7/31	<b>25</b>	T32GM008715
Carolyn	Smith	Development of a New Clinical Translational Research Certificate of Added Qualification (CTR-CAQ) Training Program at Baylor College of Medicine	T32 Predoc	Thu-8/01	<b>26</b>	T32GM088129
Jennifer	Claydon	Evaluation of PhD Student Training in the Biological and Biomedical Sciences	T32 Predoc	Tue-7/30	<b>27</b>	T32GM007223
Matthew	Welch	A Wellness Initiative to Improve Mental Health and Well-being Among Graduate Students	T32 Predoc	Wed-7/31	<b>28</b>	T32GM007232
Randy	Seay	Gamification Improves Retention of Medical Knowledge for MD-PhD Students During Their PhD Research Years	T32 Predoc	Wed-7/31	<b>29</b>	T32GM008361
Ryan	Weaver	NIGMS Training Program in Biomolecular Science and Engineering at Rensselaer Polytechnic Institute (RPI) in Collaboration with the University of Albany	T32 Predoc	Wed-7/31	<b>30</b>	T32GM067545
Dean	Kedes	A Novel Clinical Skills Program for MD/PhD Candidates	T32 Predoc	Wed-7/31	<b>31</b>	T32GM007267
Sheila	Judge	Transdisciplinary Predoctoral Training at the Interface of Chemistry and Biology	T32 Predoc	Wed-7/31	<b>32</b>	T32GM105538
Susan	Baserga	Skills Development for Diverse Scientific Careers B&BS 550b	T32 Predoc	Tue-7/30	<b>33</b>	T32GM007223
Tom	Tullius	Introducing Early-Stage Trainees to Collaborative and International Science	T32 Predoc	Wed-7/31	<b>34</b>	T32GM100842
William	Geisler	A Continuing Clinical Education Course to Maintain Clinical Competencies and Foster New Clinical Knowledge During the Graduate School Years of MD/PhD Training	T32 Predoc	Wed-7/31	<b>35</b>	T32GM008361
Abby	Stayart	Critical Communication Skills for PhD Trainees	T32 Supplements	Tue-7/30	<b>36</b>	T32GM007197
Andrea	Meredith	Hypothesis, Design and Biostatistics	T32 Supplements	Wed-7/31	<b>37</b>	T32GM008181
Anita	Corbett	A T32 Supplement to Drive Advanced Training in Biostatistics and Acquisition of Practical Skills in Using R for Biomedical Graduate Students	T32 Supplements	Thu-8/01	<b>38</b>	T32GM008490
Ann	Stock	Interdisciplinary Biostatistics Research Training for Molecular and Cellular Sciences: Enhancing Rigor and Reproducibility	T32 Supplements	Thu-8/01	<b>39</b>	T32GM008339
Ann	Stock	Professional Preparedness in Biotechnology	T32 Supplements	Tue-7/30	<b>40</b>	T32GM008339
Anurag	Singh	Developing Professional and Technical Skills for Diverse Career Paths in Biomolecular Pharmacology	T32 Supplements	Tue-7/30	<b>41</b>	T32GM008541
Bruce	Damon	Design and Implementation of a Course in Rigorous Experimental Design	T32 Supplements	Thu-8/01	<b>42</b>	T32GM007628
Ishwar	Radhakrishnan	Biomedical Career Development Forum for Pre-doctoral Students at Northwestern University	T32 Supplements	Wed-7/31	<b>43</b>	T32GM008382
Jeffrey	Parvin	The Development of a New Course Titled: Rigorous and Reproducible Design and Data Analysis	T32 Supplements	Tue-7/30	<b>44</b>	T32GM068412
Jessica	Hutchins	Science Communication Credential (SCC) to Enhance PhD Student Communication Skills	T32 Supplements	Wed-7/31	<b>45</b>	T32GM008151
Jonathan	Smith	Design and Dissemination of New Lab Safety Training and Awareness Modules	T32 Supplements	Thu-8/01	<b>46</b>	T32GM088088
Jorge	Iñiguez-Lluhí	Development and Impact of a Practical Statistics Course Tailored to Graduate Biomedical Scientists	T32 Supplements	Wed-7/31	<b>47</b>	T32GM007767

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Joslyn	Kirby	A Pilot Program to Assess Burnout and Enhance Resilience and Grit in MSTP Students	T32 Supplements	Tue-7/30	<b>48</b>	T32GM118294
Kathleen	Gould	Leading and Managing Projects and People	T32 Supplements	Wed-7/31	<b>49</b>	T32GM008554
Kendra	Oliver	Online Evidence-based Course Design to Expand Reach of Rigor and Reproducibility Curriculum	T32 Supplements	Thu-8/01	<b>50</b>	T32GM007628
Susan	Gerbi	Training in Rigor and Reproducibility: An Integrative Approach	T32 Supplements	Thu-8/01	<b>51</b>	T32GM007601
Monn Monn	Myat	Career Exploration and Skills Development	T32 Supplements	Wed-7/31	<b>52</b>	T32GM065094
Philip	Mayeux	Systems Pharmacology and Toxicology (SPaT) T32 Health Sciences Entrepreneurship Boot Camp	T32 Supplements	Thu-8/01	<b>53</b>	T32GM106999
Steven	Wendell	A Comprehensive Approach to Graduate Training with Integration of Professional Coaching	T32 Supplements	Tue-7/30	<b>54</b>	T32GM008424
Susan	Strome	Enhanced Career Planning in Molecular, Cell and Development Biology	T32 Supplements	Wed-7/31	<b>55</b>	T32GM008646
Michael	Elliott	Creating Institutional Culture Change to Better Support Deaf Scientists	IRACDA	Wed-7/31	<b>56</b>	K12GM106997
Paul	Buonora	Sustainability of Best Practices: The Long-Term Impact of the MARC U*Star and RISE Programs at CSU Long Beach	MARC U*STAR	Thu-8/01	<b>57</b>	T34GM008074
David	Julian	Doubled Rate of Participation in Mentored Undergraduate Research by Students Who Completed an Alternative, Cross-Disciplinary Freshman Laboratory Course	MARC U*STAR	Tue-7/30	<b>58</b>	T34GM118272
Kwangwon	Lee	Advanced CURE: CURE-based Course Initiated by Students' Research Questions	MARC U*STAR	Wed-7/31	<b>59</b>	T34GM127154
Mark	Jonas	Facilitating the Development of Science Communication Skills in a Group of MARC U*STAR Trainees	MARC U*STAR	Tue-7/30	<b>60</b>	T34GM113866
Patricia	Flowers	Winston Salem State University's Maximizing Access to Research Careers Undergraduate Student Training in Academic Research (MARC U*STAR) Program	MARC U*STAR	Wed-7/31	<b>61</b>	T34GM070416
Steven	Fenster	Recruitment of High-Achieving Native American Students to an NIH-MARC U-STAR Program	MARC U*STAR	Tue-7/30	<b>62</b>	T34GM092711
<b>WITHDRAWN</b>	<b>WITHDRAWN</b>				<b>63</b>	<b>WITHDRAWN</b>
Ed	Smith	Seminar Speakers as a Resource for Helping Trainees Succeed in Their Efforts to Become Scientists	PREP, IMSD	Wed-7/31	<b>64</b>	R25GM065534, R25GM072767
Estela	Gavosto	Sustaining Long Term Collaborations Between a Tribal College and a Research Institution	PREP	Thu-8/01	<b>65</b>	R25GM078441
Katherine	Wilson	Mini-thesis' Meetings Enhance PREP Scholar Training and Expand Faculty Involvement in PREP	PREP	Thu-8/01	<b>66</b>	R25GM109441
Lisa M.	Harrison-Bernard	Creating New Graduate Level Courses for the Postbaccalaureate Research Education Program Scholars	PREP	Wed-7/31	<b>67</b>	R25GM121189
Laura	Kasman	Facilitating PREP Post-Baccalaureate and IMSD Pre-doctoral Near-Peer Student Interactions: Lessons Learned	PREP	Tue-7/30	<b>68</b>	R25GM113278
Benjamin	Clarke	Student Success Driven by a Summer Enrichment Program for the Pathways to Advanced Degrees in the Life Sciences	Bridges BS	Tue-7/30	<b>69</b>	R25GM053403
Jani	Ingram	Northern Arizona University Bridging Arizona Native American Students to Bachelor's Degrees	Bridges BS	Tue-7/30	<b>70</b>	R25GM102788
Joseph	Skrivanek	Bridges to the Baccalaureate at Purchase College	Bridges BS	Wed-7/31	<b>71</b>	R25GM062012
Karen	Kester	VCU Bridges to the Baccalaureate: Easing Transitions from Partner Community Colleges to a Large Urban R-1 Institution	Bridges BS	Thu-8/01	<b>72</b>	R25GM102795

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Patricia	Schneider	Enhancing the Student Research Experience at Queensborough Community College	Bridges BS	Wed-7/31	<b>73</b>	R25GM065096
Phil	Crews	Keeping Our Bridges Program Vibrant for 26 Years by Linking Strategies & Best Practices	Bridges BS	Wed-7/31	<b>74</b>	R25GM051765
<b>WITHDRAWN</b>	<b>WITHDRAWN</b>				<b>75</b>	<b>WITHDRAWN</b>
Loren	Runnels	EmpoweRU Student Coaching Program	Bridges PhD	Thu-8/01	<b>76</b>	R25GM058389
Peter	Hauser	Group Mentoring at a Distance: Videoconferencing to Promote Deaf Scholar Resilience, Persistence, Retention, and Success	Bridges PhD	Tue-7/30	<b>77</b>	R25GM107739
Andrew	Campbell	Increasing PhD Programs Diversity: From Single Program Change to Institutional Transformation	IMSD	Wed-7/31	<b>78</b>	R25GM083270
Brian	Booton	Training Effective Undergraduate Peer Mentors: An Intervention to Increase Student Success Among UR STEM Mentees While Providing Significant Benefits to Mentors	IMSD	Tue-7/30	<b>79</b>	R25GM056901
Brittnie	Bloom	Addressing Touch Points within the Academic Pipeline: Ensuring Student Success through Pipeline Continuity	IMSD	Thu-8/01	<b>80</b>	R25GM058906
Cynthia	Wright	Facilitating PREP Post-Baccalaureate and IMSD Pre-doctoral Near-Peer Student Interactions: Lessons Learned	IMSD	Tue-7/30	<b>81</b>	R25GM072643
Fred	Pereira	Peer Mentor Training for Mentoring PREP and IMSD Trainees	IMSD	Tue-7/30	<b>82</b>	R25GM056929
Joyce	Lloyd	Creating and Implementing a Communication Plan for the NIH/NIGMS/TWDD Research Training Programs at Virginia Commonwealth University (VCU)	IMSD, PREP, IRACDA	Tue-7/30	<b>83</b>	R25GM090084; R25GM089614; K12GM093857
Marino	De Leon	Custom Database Solutions for Educational Programs to Encompass Marketing, Management, and Collaboration	IMSD	Wed-7/31	<b>84</b>	R25GM060507
Sarah	Golding	Regional Partnership Among Training Programs Benefit Trainee Networking and Program Success	IMSD	Wed-7/31	<b>85</b>	R25GM090084, R25GM089614, R25GM055336, R25GM089569, R25GM055036, R25GM113262, R25GM072643, R25GM113278, R25GM109441, R25GM072767, R25GM066534
Sarah	Golding	Maximizing Program Synergy and Sustainability: A Model for Program Administration at a Large Urban Research-Intensive Institution	IMSD	Thu-8/01	<b>86</b>	R25GM090084, R25GM102795, R25GM089614, K12GM093857
Caroline	Appleyard	Promoting Team Building, Collaboration and Communication Skills in Graduate Students through Interactive Retreats	RISE	Tue-7/30	<b>87</b>	R25GM082406
Edwin	Barea-Rodriguez	Low- and No-Cost Ancillary Training programs that Leverage RISE/MARC Infrastructure and Training Culture to Broaden Access to Research	RISE	Thu-8/01	<b>88</b>	R25GM060655
Jamil	Momand	Science Exploration Workshop to Identify Budding Scientists Amongst Freshman and Sophomores for Recruitment to NIH RISE BS-to-PhD Program	RISE	Wed-7/31	<b>89</b>	R25GM061331
Jill	Adler-Moore	Creating an Environment that Nurtures Peer and Faculty-Mentor Support	RISE	Thu-8/01	<b>90</b>	R25GM113748
Krishna	Foster	Master's Program Thesis proposals in the Sciences: Meeting Students Where They Are	RISE	Wed-7/31	<b>91</b>	R25GM061331

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Mary	McCarthy Hintz	Backwards Design of a New RISE Program	RISE	Wed-7/31	<b>92</b>	R25GM122667
Moshin	Patwary	The Programming, Success and Challenges of the NIGMS Research Initiative for Scientific Enhancement at the CUNY-Medgar Evers College	RISE	Thu-8/01	<b>93</b>	R25GM105553
Rachel	Smith	Assessing the Impacts of RISE Program Involvement Using a Novel Peer Comparison Group	RISE	Wed-7/31	<b>94</b>	R25GM077634
Vincent	Samar	Rochester Institute of Technology RISE Scientists-in-Training Program for Deaf and Hard of Hearing Undergraduates	RISE	Thu-8/01	<b>95</b>	R25GM122672
John	Sumida	A Laboratory Course in Biophysical Analyses of Protein Therapeutics	T32 Supplement	Wed-7/31	<b>96</b>	T32GM007750
Juliette	Lecomte	A New Hands-on Paradigm for Teaching Experimental and Analytical Methods in Biomedical Sciences	T32 Supplement	Wed-7/31	<b>97</b>	T32GM008403
Catherine	Dubreuil	SB220 - Quantitative Measurement and Analysis	T32 Supplements	Tue-7/30	<b>98</b>	T32GM007753
Catherine	Dubreuil	Computational and Professional Skills for Biomedical Trainees in Therapeutic Sciences	T32 Supplements	Wed-7/31	<b>99</b>	T32GM007753
Victoria	Sharma	Developing Training to Enhance Rigor and Reproducibility	T32 Supplements	Thu-8/01	<b>100</b>	T32GM066698
Andrea	Morris	Knowing Your Audience: Essential Communication Skills for Diverse Scientific Careers	T32 Supplements	Thu-8/01	<b>101</b>	T32GM066699
Margit	Burmeister	Workshop in Rigor and Transparency to Enhance Reproducibility for Bioinformatics Graduate Students	T32 Supplements	Thu-8/01	<b>102</b>	T32GM070449