Advancing Interdisciplinary STEM Graduate Education in Energy and Sustainability Disciplines Energy and Sustainability- Alliance for Graduate Education and the Professoriate (E&S AGEP)

TAMUS AGEP – PARTICIPATION GUIDE

TAMUS-AGEP

TEXAS A&M UNIVERSITY SYSTEM

Aug/23/2016

TAMUS AGEP-ACTIVITY MODULES

STAGES	STUDENT LEVEL	ACADEMIC	CAREER	INSTRUCTION & ASSESSMENT	LEADERSHIP & COMMUNICATION	
EARLY	1 st Y MASTERS 1 st Y PhD	 TAMUS Alliance-Wide Fellowships & Research Funding Application Lab (TAMUS-FRFLab) TAMUS Alliance Peer Writing Group –TAMUS WG AGEP Conference AGEP Summer Institute AGEP Social Network AGEP Social Network AGEP Cafe GRAD Aggies LSAMP BTD Seminars OGAPS Seminar SLOAN PEM – AGEP Informational 	 AGEP Conference AGEP Social Network AGEP Alliance Energy Club AGEP Summer Institute AGEP webinars AGEP Cafe LSAMP BTD Seminars EIS – Ecological Integration Symp. GRAD Aggies SLOAN PEM – AGEP Informational 	 TAMU NSF CIRTL - Teaching Skills development SREB - Teaching & Mentoring Inst. AGEP Conference AGEP Summer Institute AGEP Social Network AGEP vebinars AGEP Cafe GRAD Aggies LSAMP BTD Seminars AGEP Informational 	 AGEP Conference AGEP Summer Institute AGEP Social Network AGEP webinars AGEP Cafe SLOAN PEM – GRAD Aggies LSAMP BTD Seminars AGEP Informational 	
MID	2 nd -3 rd Y PhD	 TAMUS-FRF-Lab TAMUS WG AGEP Travel Award AGEP Conference AGEP Social Network AGEP Social Network AGEP webinars IGERT – GRAD Aggies AGEP Cafe LSAMP BTD Seminars SLOAN PEM – AGEP Informational 	 AGEP Conference AGEP Summer Institute Internship National Research Lab AGEP Travel Award for RCN AGEP Future Faculty AGEP Social Network AGEP Alliance Energy Club AGEP Travel Award AGEP Social Network AGEP Social Network AGEP Social Network AGEP Social Network AGEP Cafe LSAMP BTD Seminars EIS – Ecological Integration Symp. GRAD Aggies SLOAN PEM – AGEP Informational 	 TAMU NSF CIRTL - Teaching Skills development SREB - Teaching & Mentoring Inst AGEP MINI-GRANTS AGEP Conference AGEP Summer Institute AGEP Social Network AGEP webinars AGEP Cafe GRAD Aggies LSAMP BTD Seminars AGEP Informational 	 AGEP Travel Award AGEP Future Faculty webinars AGEP Conference AGEP Summer Institute AGEP Social Network AGEP webinars AGEP Cafe SLOAN PEM – GRAD Aggies LSAMP BTD Seminars AGEP Informational 	
LATE	4 th -5 th Y PhD 2 nd Y MASTERS	 AGEP Travel Award AGEP Conference AGEP Summer Institute AGEP Social Network AGEP webinars AGEP Cafe IGERT – GRAD Aggies LSAMP BTD Seminars OGAPS Seminar SLOAN PEM – AGEP Informational 	 TAMUS A. Peer Writing Group Internship National Research Lab AGEP Travel Award AGEP Future Faculty webinars AGEP Social Network AGEP Conference AGEP Summer Institute AGEP Travel Award for RCN AGEP Alliance Energy Club AGEP webinars AGEP Cafe GRAD Aggies LSAMP BTD Seminars AGEP Informational 	 TAMU NSF CIRTL - Teaching Skills development SREB - Teaching & Mentoring lnst. AGEP MINI-GRANTS AGEP Conference AGEP Summer Institute AGEP Social Network AGEP webinars AGEP Cafe GRAD Aggies LSAMP BTD Seminars AGEP Informational 	 AGEP Travel Award TAMUS Travel Award AGEP Conference AGEP Social Network AGEP Vebinars AGEP Cafe SLOAN PEM – GRAD Aggies LSAMP BTD Seminars AGEP Informational 	

EARLY STAGE							
Master & Doctoral students: Course work							
 Doctoral Students: Completion of qualifying exam (where applicable) 							
ACADEMIC							
AGEP – Major Led/Led/Co-hosted	 Strategies for Building and Maintaining a Mentoring Partnership I 						
 TAMUS Alliance-Wide Fellowships and Research Funding Application Lab 	 Choosing a Committee 						
(TAMUS-FRF Lab)	 Funding Your Graduate Education 						
 Assist in preparing and submitting applications for fellowship and/or 	AGEP Social Network						
research funding for their Thesis or Dissertation	AGEP webinars						
TAMU Alliance Peer Writing Group	AGEP Informational						
 Coursework 	AGEP Cafe						
 Thesis/Dissertation 	OTHERS-						
 Keeping it real: end of the year seminar 	IGERT – Applied Bio-Diversity Science						
OGAPS - Graduate Student Workshop Series	SLOAM PEM –						
 Thesis & Dissertation Services Overview 	GRAD Aggies – University Libraries						
 Keys to Financial Success: Financial Management for Grad Students 	 PubMed Searching 						
 Avoiding Plagiarism Descering for JDB Submission 	 EndNote Basics for Health Sciences 						
 Preparing for IRB Submission 	 An Introduction to Special Collections Research 						
CAREER	OGAPS - Graduate Student Workshop Series						
AGEP – Major Led/Led/Co-hosted	• The Versatile Degree - Preparing for Multiple Career Paths						
AGEP Conference	OTHERS-						
AGEP Social Network	LSAMP BTD Seminars						
AGEP Alliance Energy Club	EIS – Ecological Integration Symposium						
AGEP Summer Institute	GRAD Aggies						
AGEP webinars							
AGEP Informational							
AGEP Cafe							
INSTRUCTION & ASSESSMENT							
AGEP – Major Led/Led/Co-hosted	OTHERS-						
TAMU NSF CIRTL - Teaching Skills development	SREB - Teaching & Mentoring Institute						
AGEP Conference	GRAD Aggies - Academy for Future Faculty (AFF) - CTE						
AGEP Summer Institute	• Developing your Research Statement						
AGEP Social Network	 Teaching: The unanticipated bumps in the road 						
AGEP webinars	 Teaching Strategies 						
AGEP Informational	LSAMP BTD Seminars						
AGEP CAFE							
LEADERSHIP & COMMUNICATION	OTHER-						
AGEP – Major Led/Led/Co-hosted	SLOAN PEM						
AGEP Conference	o Discovering your strengths for success						
AGEP Summer Institute	GRAD Aggies						
AGEP Social Network							
AGEP webinars							
AGEP Informational							
AGEP Cafe							

acquire skills necessary for advancement with degree program and tr	make satisfactory progress toward completion of courses outlined in degree plan; ansition into a postdoctoral or teaching/research professorship ory progress activities outlined in research proposal; acquire skills
 AGEP - Major Led/Led/Co-hosted TAMUS Alliance-Wide Fellowships and Research Funding Application Lab (TAMUS- FRFLab) Assist in preparing and submitting applications for fellowship and/or research funding for their Thesis or Dissertation TAMU Alliance Peer Writing Group Coursework Dissertation proposal Grantsmanship AGEP Travel award AGEP Conference AGEP Summer Institute AGEP Mini Grants 	 OGAPS Seminar Intellectual Property: Who Owns My Project? Strategies for Building and Maintaining a Mentoring Partnership II Keeping it real: end of the year seminar AGEP Social Network AGEP webinars AGEP Informational AGEP Cafe OTHERS - IGERT – Applied Bio-Diversity Science GRAD Aggies SLOAN PEM LSAMP BTD Seminars
CAREER AGEP – Major Led/Led/Co-hosted • AGEP Conference • AGEP Social Network • AGEP webinars • AGEP Alliance Energy Club • Obtain internship in a National Research Lab • AGEP Summer Institute • AGEP Future Faculty webinars	 AGEP Travel Award for RCN AGEP Travel Award AGEP Informational AGEP Cafe OTHERS- LSAMP BTD Seminars EIS – Ecological Integration Symposium GRAD Aggies SLOAN PEM
NSTRUCTION & ASSESSMENT AGEP – Major Led/Led/Co-hosted • TAMU NSF CIRTL - Teaching Skills development • AGEP Mini Grants • AGEP Conference • AGEP Summer Institute • AGEP Social Network • AGEP webinars	 AGEP Informational AGEP Cafe OTHERS- SREB - Teaching & Mentoring Institute GRAD Aggies - Academy for Future Faculty (AFF) – CTE Creating a Teaching Philosophy Statement Curriculum Vitae LSAMP BTD Seminars
EADERSHIP & COMMUNICATION AGEP – Major Led/Led/Co-hosted • AGEP Conference • AGEP Social Network • AGEP webinars • AGEP Summer Institute • AGEP Future Faculty webinar	 AGEP Informational AGEP Cafe OTHER- SLOAN PEM – Mentoring for Success in Research and Leadership Learning GRAD Aggies

ITE STAGE						
Master students: Satisfactory progress execution of activities outline	ed in research proposal; completion of Thesis; defense					
Doctoral Students:						
• Year 4- Satisfactory progress execution of activities outlined	d in research proposal ; begin publication of research results, as appropriate; acquire skills and					
	e degree program and transitioning into postdoctoral or teaching/research professorship					
 Year 5- Completion of dissertation; defense; transition to a 						
CADEMIC						
AGEP – Major Led/Led/Co-hosted	OGAP Social Network					
AGEP Conference	OGAP webinars					
AGEP Summer Institute	AGEP Informational					
AGEP Travel Award	OTHERS -					
AGEP Mini grants	IGERT – Applied Bio-Diversity Science					
Keeping it real: end of the year seminar	GRAD Aggies					
OGAPS seminar	SLOAN PEM					
AGEP Cafe	LSAMP BTD Seminars					
AREER						
AGEP – Major Led/Led/Co-hosted	AGEP webinars					
AGEP Conference	AGEP Informational					
AGEP Summer Institute	TAMU Alliance Peer Writing Group					
AGEP Social Network	• Grantsmanship					
AGEP Travel Award	 Publications/presentations 					
AGEP Future Faculty webinars	 Resume/portfolio development 					
AGEP Alliance Energy Club	OTHERS-					
Obtain internship in a National Research Lab	LSAMP BTD Seminars					
AGEP Travel Award for RCN	SLOAN PEM					
AGEP Cafe	GRAD Aggies					
STRUCTION & ASSESSMENT	OTHERS-					
AGEP – Major Led/Led/Co-hosted	SREB - Teaching & Mentoring Institute					
 TAMU NSF CIRTL - Teaching Skills development 	 GRAD Aggies - Academy for Future Faculty (AFF) - CTE 					
AGEP Conference	 Teaching with Technology 					
AGEP Summer Institute	 Syllabus Design 					
AGEP Informational	 Microteaching 					
AGEP Cafe	LSAMP BTD Seminars					
ADERSHIP & COMMUNICATION						
AGEP – Major Led/Led/Co-hosted	AGEP Informational					
AGEP Travel Award	OTHER-					
TAMUS Travel Award	SLOAN PEM – Mentoring for Success in Research and Leadership Learning					
AGEP Conference	GRAD Aggies - University Writing Center					
AGEP Summer Institute	• Grant Writing					
AGEP Social Network	Presentation Design					
AGEP webinars	 Proofreading 					
AGEP Cafe	LSAMP BTD Seminars					

TAMU-CS AGEP-PARTICIPATION BONUS

DEGREE	DOSAGE	SKILL AREAS	NUMBER OF ACTIVITIES HOU			OURS		
			REQUIRED AGEP-Major Led/Led/Co-hosted	ELECTIVE-OTHERS	PER/ACTIVITY	TOTAL HOURS		
		Academic	1-2	1	1	2 or 3		
	LOW	• Career	1-2	1	1	2 or 3		
		 Instruction & Assessment 	1-2	1	1	2 or 3		
		• Leadership &Communications	1-2	1	1	2 or 3		
	TOTAL HOURS FOR MASTER STUDENTS - LOW DOSAGE							
MASTER		Academic	2-3	2	1	4 or 5		
	MEDIUM	• Career	2-3	2	1	4 or 5		
		 Instruction & Assessment 	2-3	2	1	4 or 5		
		• Leadership &Communications	2-3	2	1	4 or 5		
	TOTAL HOURS FOR MASTER STUDENTS - MEDIUM DOSAGE 16 or 20							
		Academic	3-4	3	1	6 or 7		
	HIGH	• Career	3-4	3	1	6 or 7		
		 Instruction & Assessment 	3-4	3	1	6 or 7		
		• Leadership & Communications	3-4	3	1	6 or 7		
	TOTAL HOURS FOR MASTER STUDENTS -					24 or 28		
		Academic	2	1-2	1	3 or 4		
	LOW	• Career	2	1-2	1	3 or 4		
		 Instruction & Assessment 	2	1-2	1	3 or 4		
		• Leadership &Communications	2	1-2	1	3 or 4		
		TOTAL HOURS FOR DOCTORAL STUDENTS LOW DOSAGE						
		Academic	3	2-3	1	5 or 6		
	MEDIUM	Career	3	2-3	1	5 or 6		
DOCTORAL		 Instruction & Assessment 	3	2-3	1	5 or 6		
		• Leadership &Communications	3	2-3	1	5 or 6		
	TOTAL HOURS FOR DOCTORAL STUDENTS - MEDIUM DOSAGE							
		Academic	4	3-4	1	7-8		
	HIGH	• Career	4	3-4	1	7-8		
		 Instruction & Assessment 	4	3-4	1	7-8		
		Leadership & Communications	4	3-4	1	7-8		
	TOTAL HOURS FOR DOCTORAL STUDENTS - HIGH DOSAGE							

Note:

• AGEP Conference is required

MAXIMUM HOURS							
MASTER STUDENT			DOCTORAL STUDENTS				
High	Med	Low	High	Med	Low		
<u>></u> 24	<u>></u> 16	<u>></u> 8	<u>></u> 28	<u>></u> 20	<u>></u> 12		
PARTICIPATION BONUS AWARD							
High	Med	Low	High	Med	Low		
\$500	\$250	\$125	\$600	\$350	\$200		

Note: The students with the most HOURS will receive grand prize of \$2500.00 (up to 3 students)