

Council of Graduate Coordinators and Staff (CGCS) Meeting

March 10, 2017



CGCS Agenda-March 10, 2017

- > Chancellors Distinguished Fellowship update
- > Doctoral Student Recruitment Grants update
- > Enrollment update
- > Pending files
- > Admission requirements update
- > Recruitment Marketing templates
- > Updated CGCS List
- > Reminders/Upcoming Events

Chancellor's Distinguished Fellowship Update

- > 24 nominations received
- > 9 students awarded
 - Chemical Engineering - 1
 - Chemistry - 2
 - Computer Science - 1
 - Electrical Engineering - 1
 - Mechanical Engineering - 4

Doctoral Student Recruitment Grants Update

- > 5 grant proposals received
 - Track I: *Recruitment of highly competitive underrepresented minority doctoral students (African American, Hispanic, Native American, Pacific Islanders) and/or female doctoral students*
 - > 1 proposal received and awarded
 - Drs. Joel Burken, Civil, Architectural, and Environmental Engineering and Dr. Kwame Awuah-Offei, Mining and Nuclear Engineering
 - Track II: *General recruitment of highly competitive doctoral students*
 - > 4 proposals received and awarded
 - Dr. Chang-Soo Kim, Electrical and Computer Engineering
 - Drs. Wei Jiang and Daniel Tauritz, Computer Science
 - Dr. V.A. Samaranayke, Mathematics and Statistics
 - Dr. Joshua Rovey, Mechanical and Aerospace Engineering

Enrollment Update

TOTAL ENROLLMENT

<u>Spring 2017 (4th week) TOTAL</u>				
Total Doctoral	647			
	O/C	614	Int'l	442
	Dist	33	Dom	205
Total Master's	1159			
	O/C	511	Int'l	359
	Dist	648	Dom	800
Total Grad	1806			
	O/C	1125	Int'l	801
	Dist	681	Dom	1005

<u>Spring 2016 (4th week) TOTAL</u>				
Total Doctoral	585			
	O/C	547	Int'l	417
	Dist	38	Dom	168
Total Master's	1310			
	O/C	593	Int'l	448
	Dist	717	Dom	862
Total Grad	1895			
	O/C	1140	Int'l	865
	Dist	755	Dom	1030

<u>Spring 2015 (4th week) TOTAL</u>				
Total Doctoral	610			
	O/C	565	Int'l	432
	Dist	45	Dom	178
Total Master's	1421			
	O/C	689	Int'l	549
	Dist	732	Dom	872
Total Grad	2031			
	O/C	1254	Int'l	981
	Dist	777	Dom	1050

<u>Spring 2014 (4th week) TOTAL</u>				
Total Doctoral	553			
	O/C	527	Int'l	401
	Dist	26	Dom	152
Total Master's	1408			
	O/C	691	Int'l	567
	Dist	717	Dom	841
Total Grad	1961			
	O/C	1218	Int'l	968
	Dist	743	Dom	993

NEW ENROLLMENT

<u>Spring 2017 (4th week) NEW</u>				
New Doctoral	38			
	O/C	37	Int'l	25
	Dist	1	Dom	13
New Master's	168			
	O/C	60	Int'l	39
	Dist	108	Dom	129
New Grad	206			
	O/C	97	Int'l	64
	Dist	109	Dom	142

<u>Spring 2016 (4th week) NEW</u>				
New Doctoral	22			
	O/C	21	Int'l	21
	Dist	1	Dom	1
New Master's	223			
	O/C	75	Int'l	57
	Dist	148	Dom	166
New Grad	245			
	O/C	96	Int'l	78
	Dist	149	Dom	167

<u>Spring 2015 (4th week) NEW</u>				
New Doctoral	40			
	O/C	35	Int'l	27
	Dist	5	Dom	13
New Master's	239			
	O/C	86	Int'l	71
	Dist	153	Dom	168
New Grad	279			
	O/C	121	Int'l	98
	Dist	158	Dom	181

<u>Spring 2014 (4th week) NEW</u>				
New Doctoral	32			
	O/C	32	Int'l	26
	Dist	0	Dom	6
New Master's	272			
	O/C	132	Int'l	123
	Dist	140	Dom	149
New Grad	304			
	O/C	164	Int'l	149
	Dist	140	Dom	155

Pending Files

- > Please move pending applications through as quickly as possible!
 - Enrollment has declined; if departments can move pending files through quickly, we can maybe beat out competition we are getting from other schools and potentially students will commit to S&T over others

Recruitment Marketing Templates

M.S. MANUFACTURING ENGINEERING

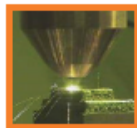
Top 5 things to know

1. S&T has nationally and internationally recognized research programs in Additive Manufacturing and 3D printing
2. S&T has identified Advanced Manufacturing as the first of its four best-in-class areas
3. S&T has interdisciplinary curriculum and facilities: manufacturing processes, materials, and management
4. S&T has active manufacturing research, assistantships, and fellowships
5. S&T has advanced manufacturing curriculum, and co-op and internship opportunities

Grants and funding sources

Advanced manufacturing is one of Missouri's distinctive industry clusters, and Missouri S&T is Missouri's primary engineering school. In the past 15 years, we have received an average of over 4 million dollars per year in manufacturing related research funding from public and private sources. The sponsors include AFRL, America Makes, ARD, Boeing, Cummings, DMG/MORI, DOE, DoEdu, GE, GKN Aerospace, Honeywell, John Deere, KMTWaterjet, LMI Aerospace, Navair, NASA, NSF, ONR, Optomec, PINE, Rolls Royce, Siemens, Spirit Aerospace, Toyota, Watlow, etc. Related research centers on campus include Center for Aerospace Manufacturing Technologies (CAMT), Intelligent Systems Center (ISC), and Material Research Center (MRC).

Representative facilities



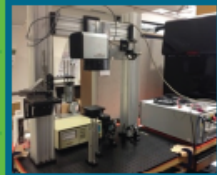
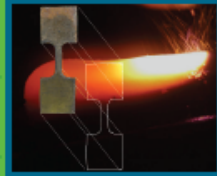
Hybrid Manufacturing: Missouri S&T has the capability to design, develop, integrate, and test several novel metal additive manufacturing systems. Many of the research results have been published in national and international meetings and journals.



Powder Bed Additive Manufacturing: Due to a generous gift from Honeywell, S&T has a Reinshaw AM250 powder bed machine, along with various testing equipment to make metal parts available on campus. It can build complex geometries such as thin walls, lattices, and internal features, directly from a CAD model.

MISSOURI
S&T Graduate Studies

mae.mst.edu | liou@mst.edu | Rolla, Mo | 573-341-4603



\$65,120

AVG. STARTING SALARY
FOR MASTERS STUDENTS

\$4,406

AVG. MONTHLY
CO-OP SALARY

1:1 STUDENT TO
FACULTY RATIO

2 AVERAGE TTD
(TIME TO DEGREE)

30 CREDIT HOURS
NEEDED

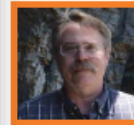
M.S. TECHNICAL COMMUNICATION

Full funding available to qualified students

Top 5 Things to Know

1. Technical writing is one kind of technical communication, but it is not the only kind. Technical communicators are editors, multimedia designers, web authors, content managers, teachers/trainers, illustrators, translators, localization managers, etc.
2. Technical communication, whether written, oral, or visual, enables people to use technology effectively, to understand technology, or to make effective decisions about real-world problems.
3. As a technical communicator, a graduate of our program might be employed to create help systems and tutorials for users of new software, design multimedia presentations for special interest groups, write instructions and dialogue boxes for video games, edit print manuals or Online documentation for government agencies, conduct training seminars and lead project teams in industry.
4. Students in our programs have enjoyed internships and co-ops with companies such as Fort Leonard Wood, Monsanto, Cummins, Micron Systems, Express Scripts, Diebold, eClinicalWorks, CCTV America, and Sprint.
5. Graduates of our programs are currently employed as technical communicators with such places as Cerner, Hewlett Packard, Schneider Electric, Wright-Patterson Air Force Base, University of South Florida, Mallinckrodt Pharmaceuticals, the USDA (via Booz Allen Hamilton), MasterCard, and Visa.

Notable faculty



Dr. Ed Malone. Research interests: history of technical communication, history of rhetoric, technical editing, international technical communication. Dr. Malone has a B.S.Ed. and an M.A. from Missouri State University and a Ph.D. from Southern Illinois University-Carbondale.



Dr. Kathryn Northcut Research interests: rhetoric of science, visual theory, pedagogy. Dr. Northcut received a B.A. in English from Western State College in Gunnison, Colorado, in 1986; an M.A. in TESL from Colorado State University in 1995; and a Ph.D. in Technical Communication and Rhetoric from Texas Tech University in 2004.

MISSOURI
S&T Graduate Studies

english.mst.edu | english@mst.edu | Rolla, MO | 573.341.4681

Alumni spotlight



Shubhangi Vajpayee completed her M.S. in Technical Communication in 2013. Upon graduation she moved to Boston. She first worked with MathWorks as an Application Deployment Technical Writer, working with compiler documentation. Currently, she works with Hewlett Packard Enterprise as a Senior Information Developer. As part of the Big Data Platform team she writes Vertica (HPE's database product) best practices documentation.

SALARY: \$73,000

\$54,444

AVERAGE STARTING SALARY
FOR MASTER'S STUDENTS

\$3,086

AVERAGE MONTHLY
CO-OP SALARY

2 years

AVERAGE TIME TO DEGREE

30-36

CREDIT HOURS NEEDED

Updated CGCS List

Changes? Email grad@mst.edu

PROGRAM	DEPARTMENT	COORDINATOR	STAFF
Aerospace Engr.	Mechanical & Aerospace Engr.	Josh Rovey	Michele Warren
Appl. & Environmental Biology	Biological Sciences	Julie Semon	Jessica Pelc
Ceramic Engineering	Materials Science & Engr.	Greg Hilmas	Denise Eddings
Chemical & Biological Engr.	Chemical Engineering	Parthasakha Neogi	Emily Kost
Chemistry	Chemistry	Paul Nam Manashi Nath	Tina Balch
Civil Engineering	Civil, Arch. & Environmental Engr.	Cesar Mendoza William Schonberg	Jeannie Werner
Computer Engineering	Electrical & Computer Engr.	Chang-Soo Kim Sahra Sedigh Sarvetani	Ashlee Johnson Erin Karr
Computer Science	Computer Science	Wei Jiang	Dawn Davis
Electrical Engr.	Electrical & Computer Engr.	Chang-Soo Kim Sahra Sedigh Sarvetani	Ashlee Johnson Erin Karr
English*	English & Technical Communication	David Wright	Linda Sands
Engineering Management	Engr. Management & Systems Engr.	Steve Corns	Sarah Johnson CT&MS (A-K) Jessica Satterfield CT&MS (L-Z) & PhD Michelle Emerson (EOAC)
Environmental Engineering	Civil, Arch. & Environmental Engr.	Cesar Mendoza William Schonberg	Jeannie Werner
Explosives Engineering	Mining & Nuclear Engr.	Paul Worsley Kwame Awuah-Offei	Judy Russell (off campus) Shirley Hall (on campus)
Geological Engineering	Geosciences & Geological Engr & Petroleum Engr	Leslie Gertsch (Geo Engr) David Rogers (EOAC/EOAD)	Sharon Lauck
Geology and Geophysics	Geosciences & Geological Engr & Petroleum Engr	Wan Yang	Sharon Lauck
Geotechnics	Geosciences & Geological Engr & Petroleum Engr	Norbert Maerz	Sharon Lauck
Information Science & Tech.	Bus. Admin. & IST	Yu-Hsien Chiu	Tracy Zou
Manufacturing Engineering	Manufacturing Engr.	Frank Liou	Jill Sertell
Materials Science & Engr.	Materials Science & Engr.	Greg Hilmas	Denise Eddings
Math	Mathematics & Statistics	V.A. Samaranayake	Linda Guyton Carrie Rossy
MBA	Bus. Admin. & IST	Yu-Hsien Chiu	Tracy Zou
Mechanical Engineering	Mechanical & Aerospace Engr.	Josh Rovey	Michele Warren
Metallurgical Engr.	Materials Science & Engr.	Greg Hilmas	Denise Eddings
Mining Engineering	Mining & Nuclear Engr.	Kwame Awuah-Offei	Judy Russell (off campus) Shirley Hall (on campus)
Nuclear Engineering	Mining & Nuclear Engr.	Ayodeji Alajo	Stephen Casey
Petroleum Engineering	Geological Sciences & Engr.	Baojun Bai	Sharon Lauck
Physics	Physics	Jerry Peacher	Pam Crabtree Janice Gargus
Psychology (I-O)	Psychological Science	Susan Murray Nathan Weidner	Anne Groniger
Systems Engineering	Engr. Management & Systems Engr.	Cihan Dagli	Sarah Johnson CT&MS (A-K) Jessica Satterfield CT&MS (L-Z) & PhD
Technical Communication	English & Technical Communication	David Wright	Linda Sands

Upcoming Deadlines

- > March 10
 - Last day to submit a thesis/dissertation for technical editing services (optional)
 - Notify Office of Graduate Studies if student will/will not be meeting April 5th deadline date
- > March 27
 - Last day for thesis/dissertation for the first format check
- > April 5
 - Form 2/7 due
 - Final thesis/dissertation due
- > April 14
 - Form 3 due (if required)

Upcoming Events

> March:

- Formatting in MS Word
 - > Wed., 3/22, 12-1pm, Library 202

> April:

- iThenticate
 - > Fri. 4/14, 12-1pm, HSS 102
- Writing Workshop #3: Pronunciation
 - > Wed., 4/19, 12-1pm, Norwood 208
- Thesis/Dissertation Boot Camp
 - > Mon.-Fri., 4/24-4/28, 9am-4pm, Library 202
 - > Students register in person in the Office of Graduate Studies

> May:

- Copyright and Fair Use for the Graduate Student
 - > Wed., 5/3, 12pm-1pm, Library 204
- Stress Relief
 - > Wed., 5/10, 12pm-2pm, Location TBD
- Write-In
 - > Wed., 5/24, 1pm-4pm, Library 203



Upcoming Events: COER

Adulthood
101

APRIL 10, 5PM - HOW TO BUY A CAR
APRIL 11, 5PM - UNDERSTANDING INSURANCE
APRIL 12, 12PM - LEASE AGREEMENTS
PAYING OFF STUDENT LOANS
APRIL 13, 12PM - INVESTING

Career Opportunities & Employer Relations
Norwood 305

Thank you for attending!

Next Meeting:

RESCHEDULED:

April 14, 12pm

Location TBD

